

FIG. 1

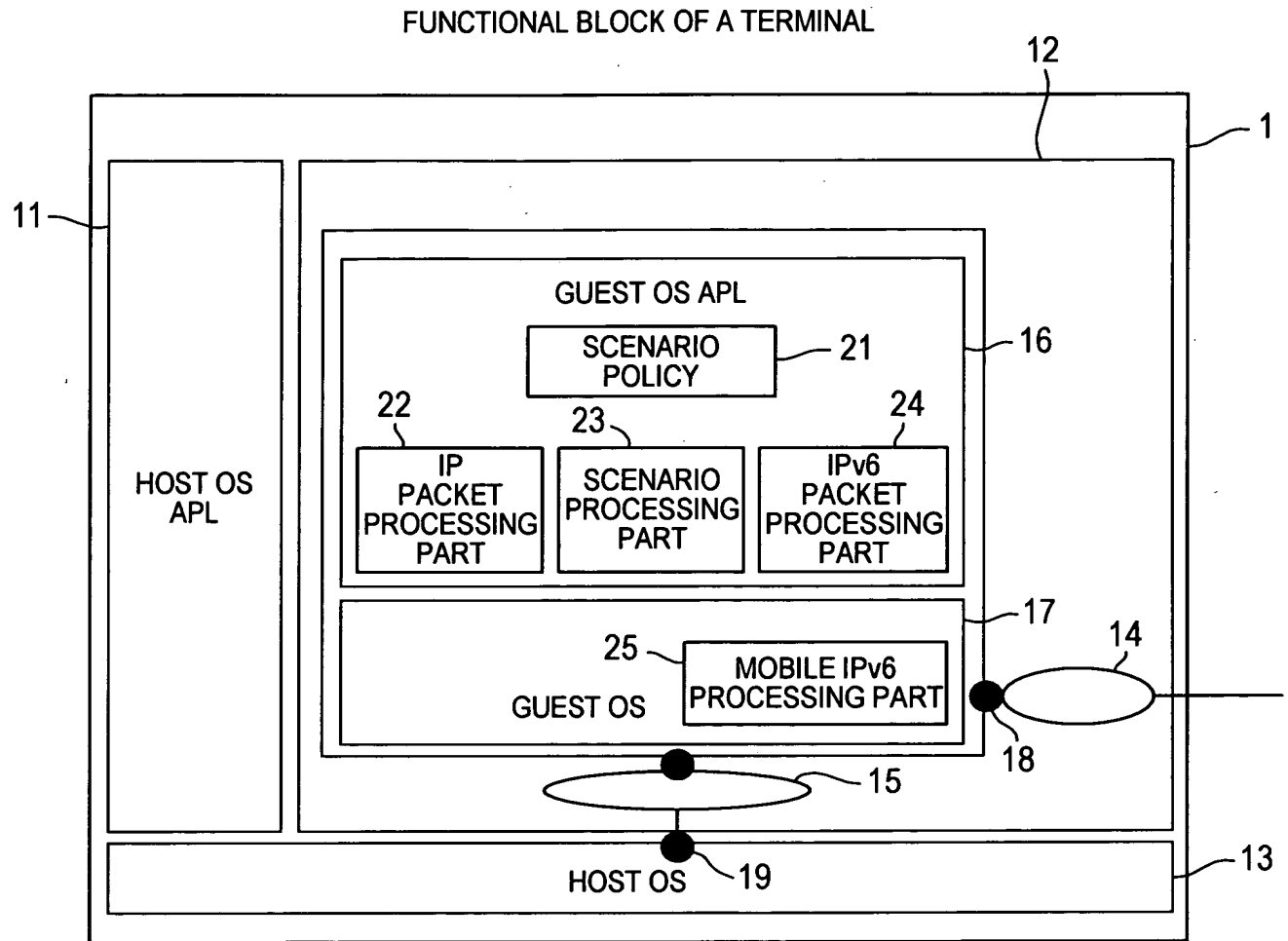


FIG. 2

210 BINDING UPDATE LIST MANAGEMENT TABLE

211 BU DESTINATION ADDRESS	212 HOME ADDRESS	213 CARE OF ADDRESS	214 LIFETIME	
				210 -1
				210 -2
				210 -n

FIG. 3

220 SCENARIO POLICY MANAGEMENT TABLE

221 SCENARIO NUMBER	222 SCENARIO CONTENTS	223 STATUS	
10000	IPv4 -IPv6 TRANSLATION (NO IPsec)	OFF	221 -1
10001	NO IPv4 -IPv6 TRANSLATION (NO IPsec)	OFF	221 -2
10010	IPv4 -IPv6 TRANSLATION	OFF	221 -3
10011	IPv4 -IPv6 TRANSLATION ROUTE OPTIMIZATION	OFF	221 -4
11000	NO IPv4 -IPv6 TRANSLATION	OFF	221 -5
11000	NO IPv4 -IPv6 TRANSLATION ROUTE OPTIMIZATION	OFF	221 -6
10100	MAP TYPE 1	OFF	221 -7
10200	MAP TYPE 2	OFF	221 -8
10300	MAP TYPE 3	OFF	221 -9

FIG. 4

FUNCTIONAL BLOCK OF A TERMINAL

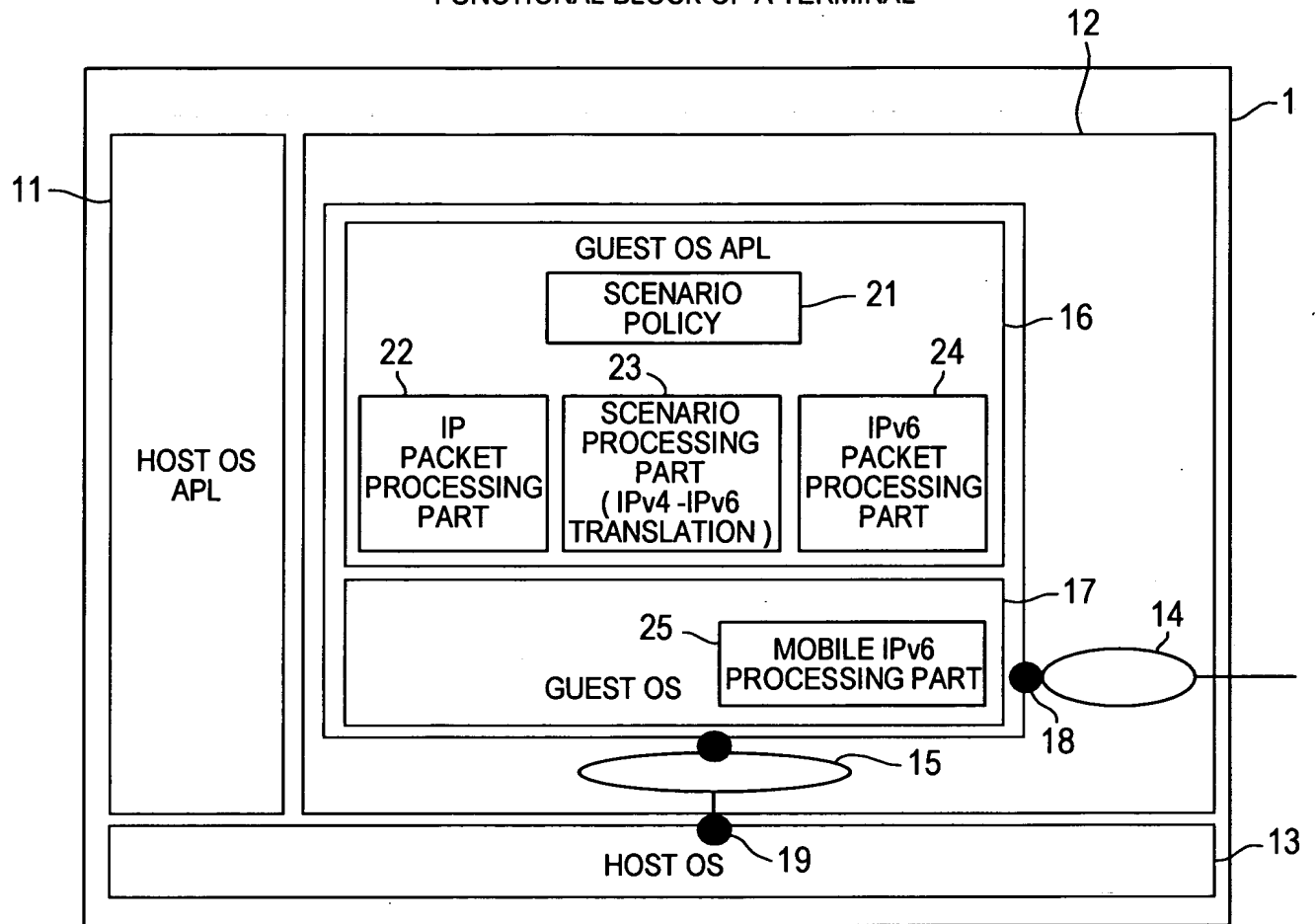


FIG. 5

230 IPv4-IPv6 TRANSLATION TABLE

231 IPv6	232 IPv4	233 LIFETIME
2000:0:0:7::1000 (HoAv6)	192.168.0.10 (HoAv4)	xxx
2000:0:0:8::1001 (CN v6)	192.168.0.100 (CN TEMPORARY v4)	yyy

230 -1
230 -2
230 -n

FIG. 6

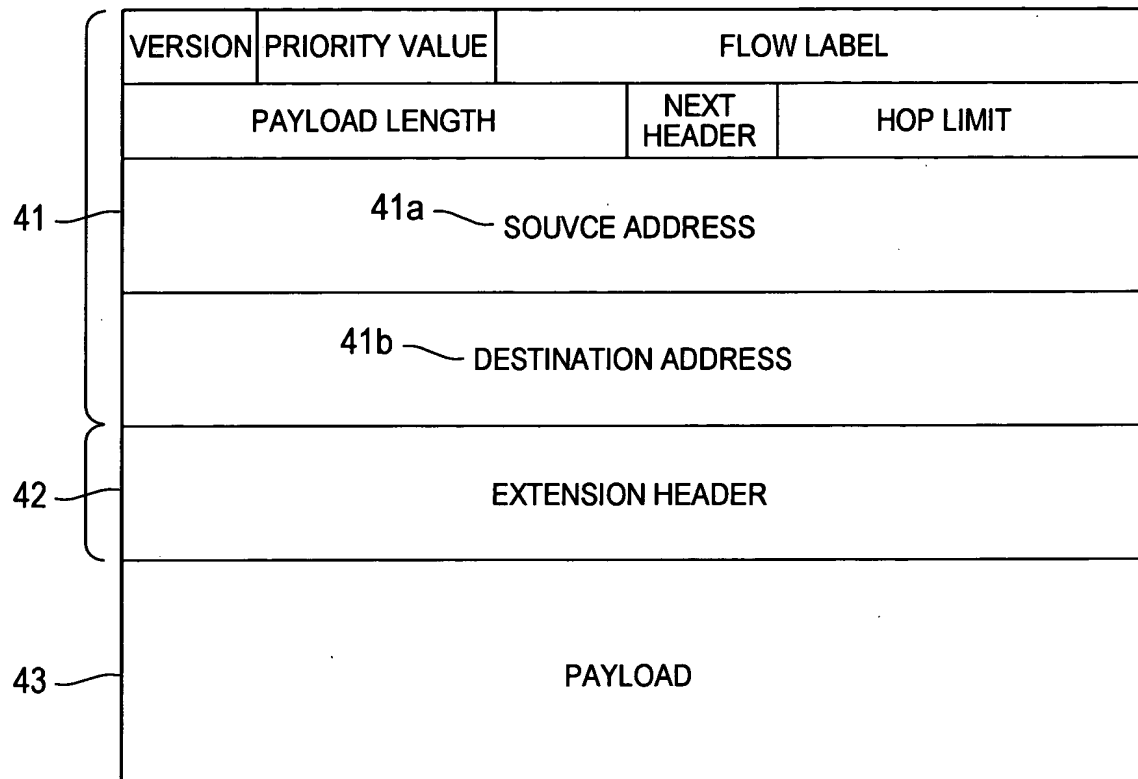


FIG. 7

S1 BINDING ACKNOWLEDGEMENT MESSAGE FORMAT

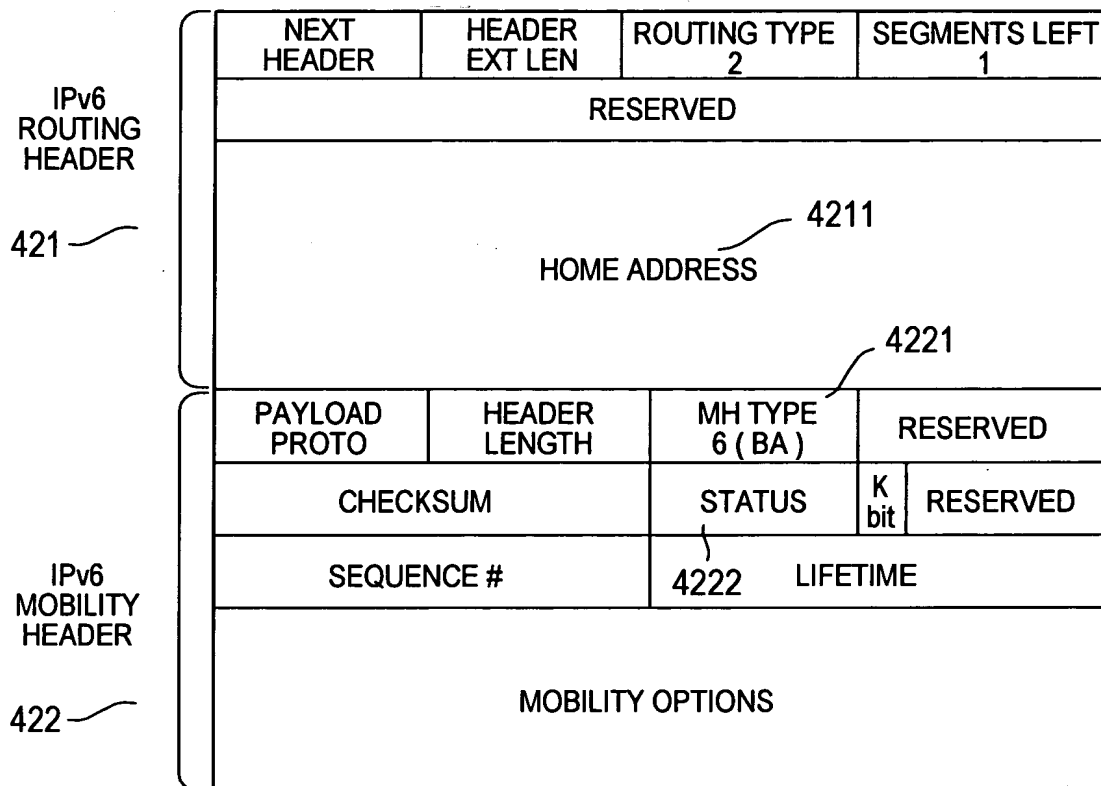


FIG. 8

60 BA PROCESSING ROUTINE

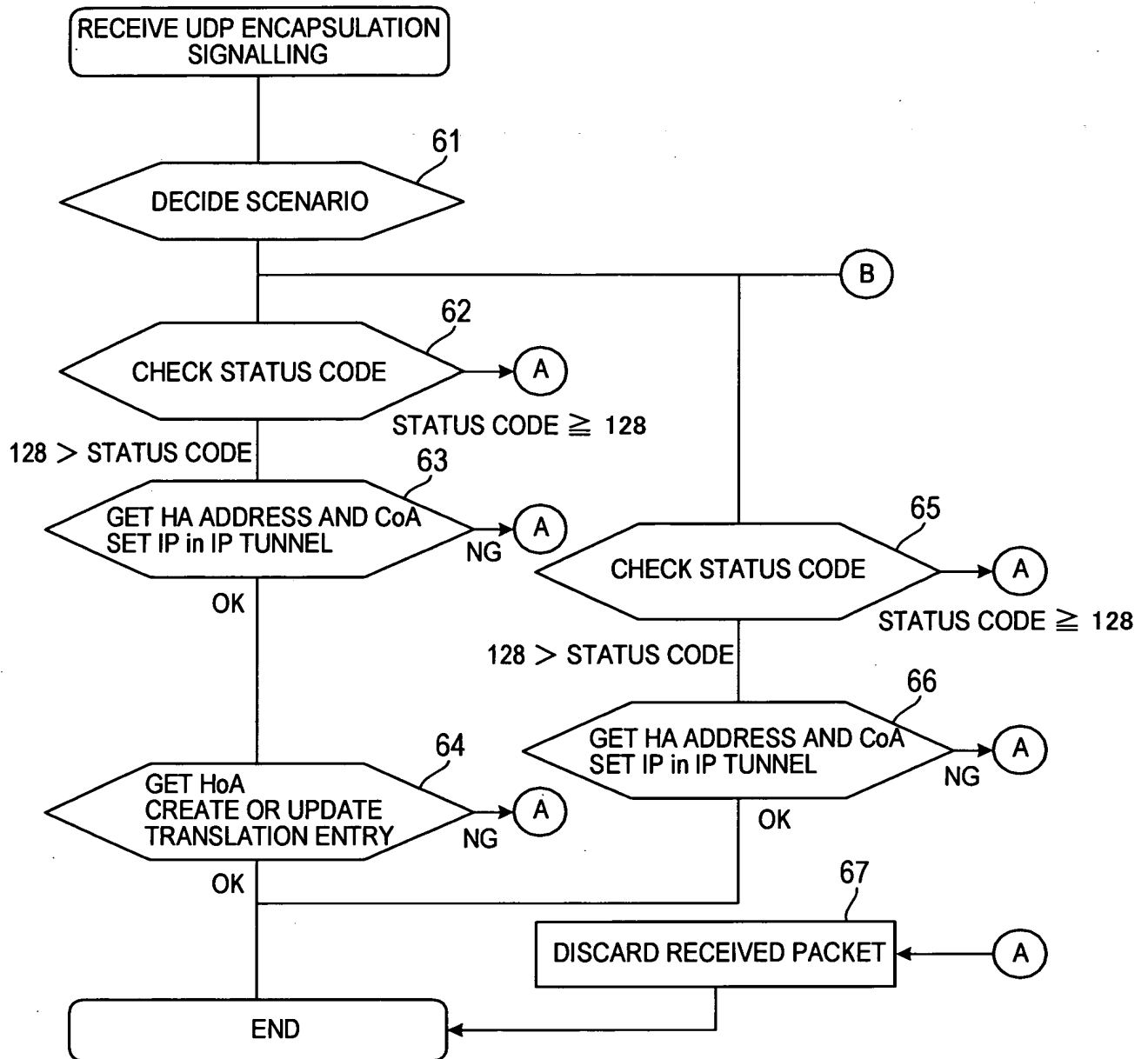


FIG. 9

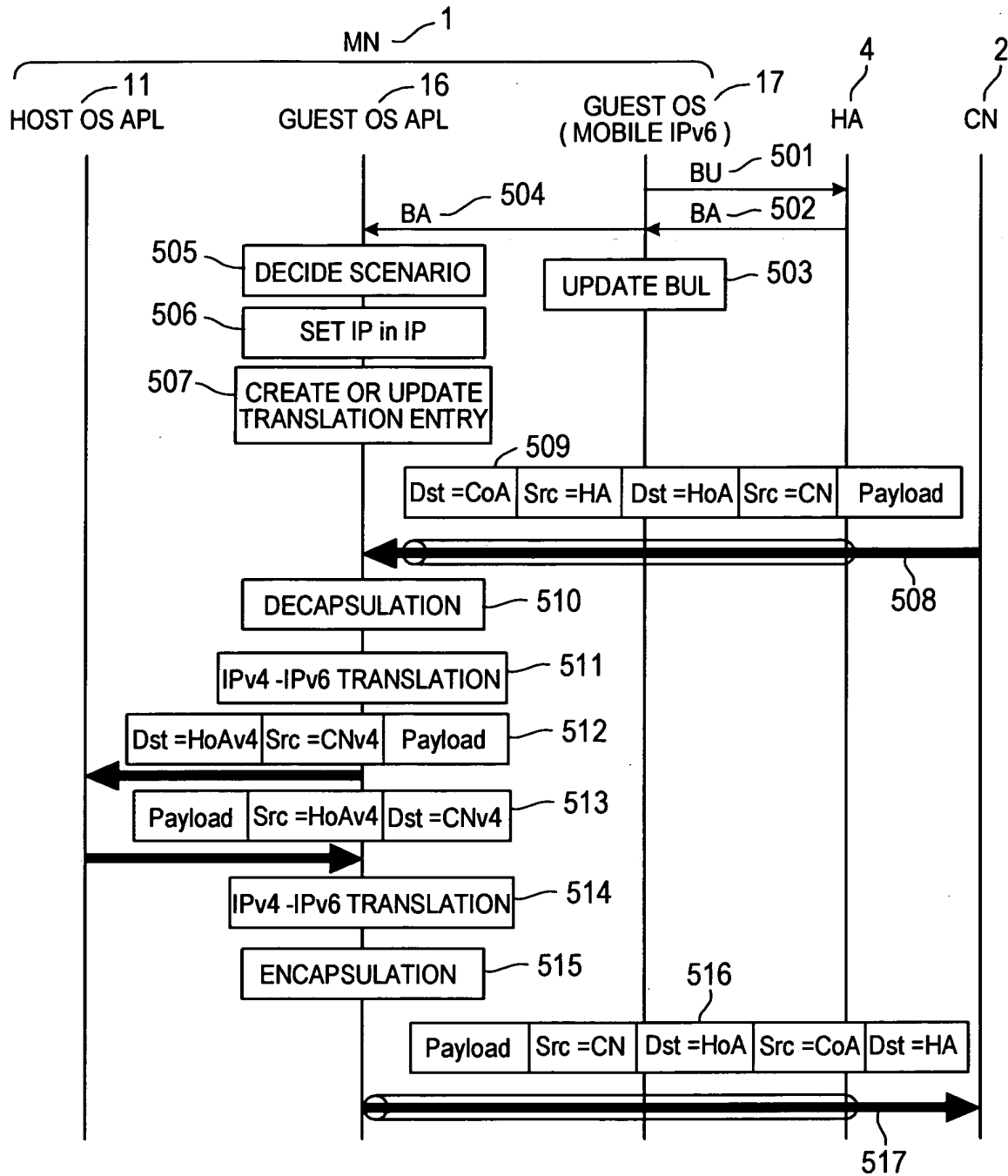


FIG. 10

S3 PACKET FORMAT WITH ADDITIONAL HEADER

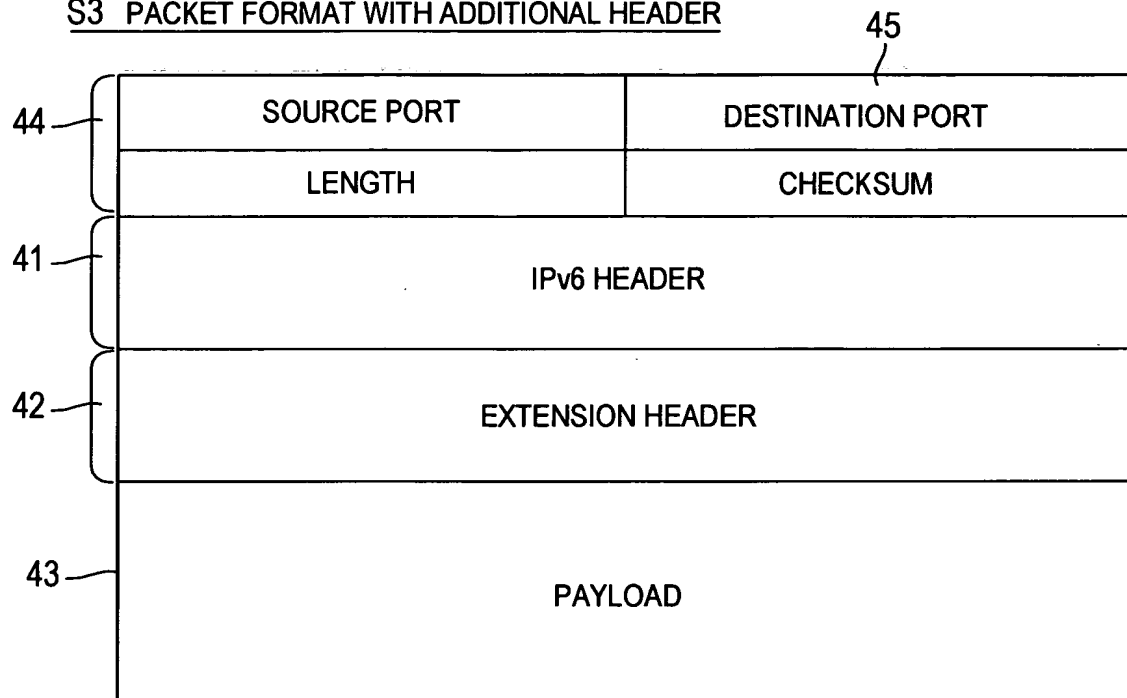


FIG. 11

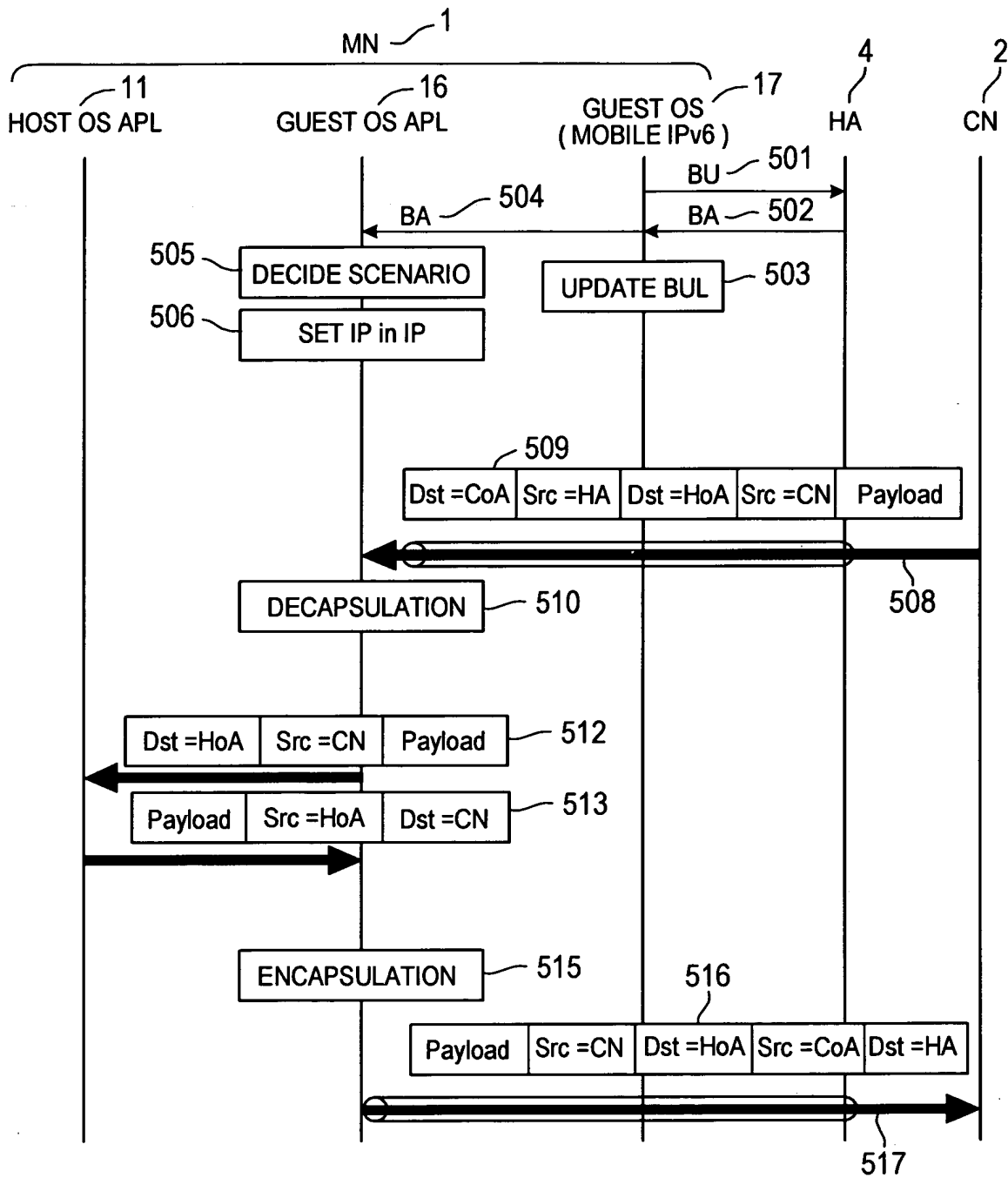


FIG. 12

70 BA PROCESSING ROUTINE (MIPv6 PRESSING PART)

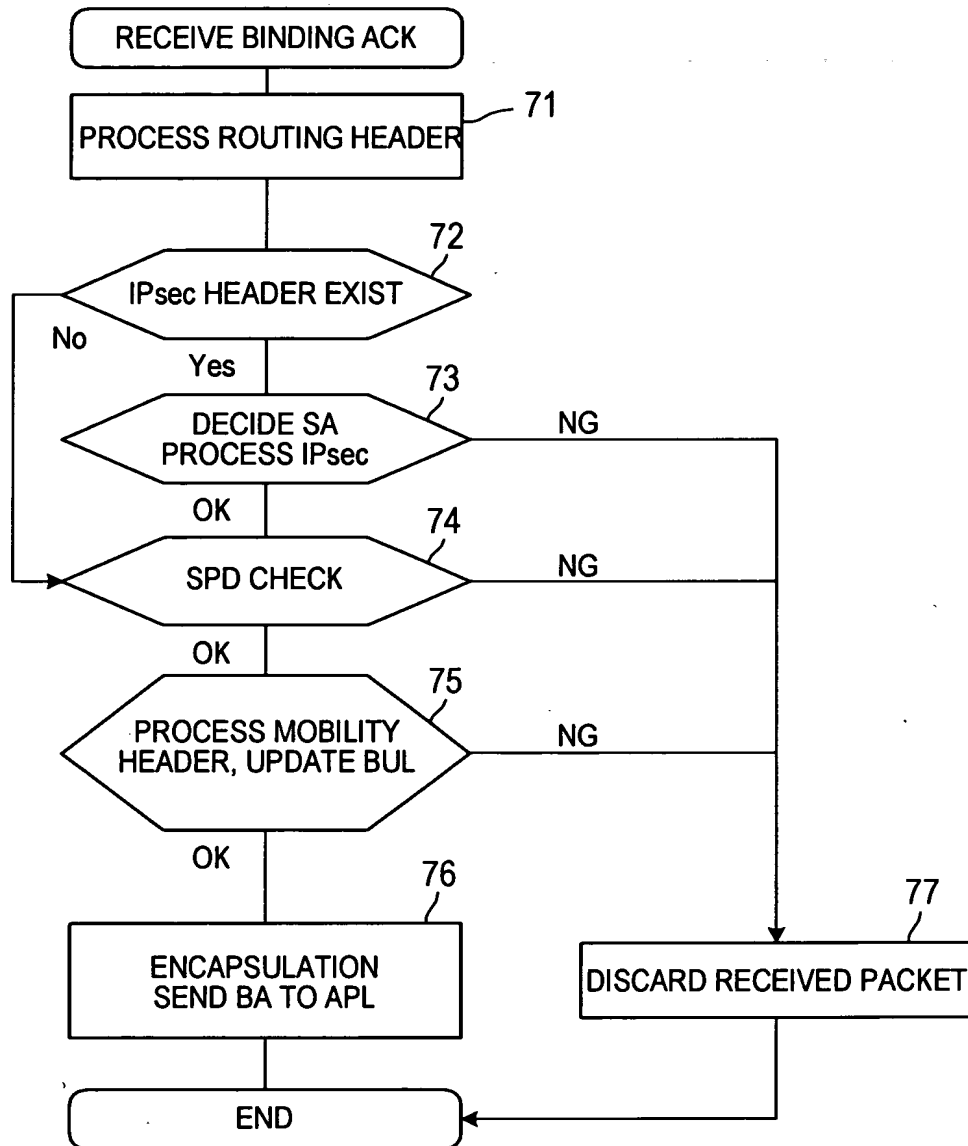


FIG. 13

S2 BINDING ACKNOWLEDGEMENT MESSAGE FORMAT

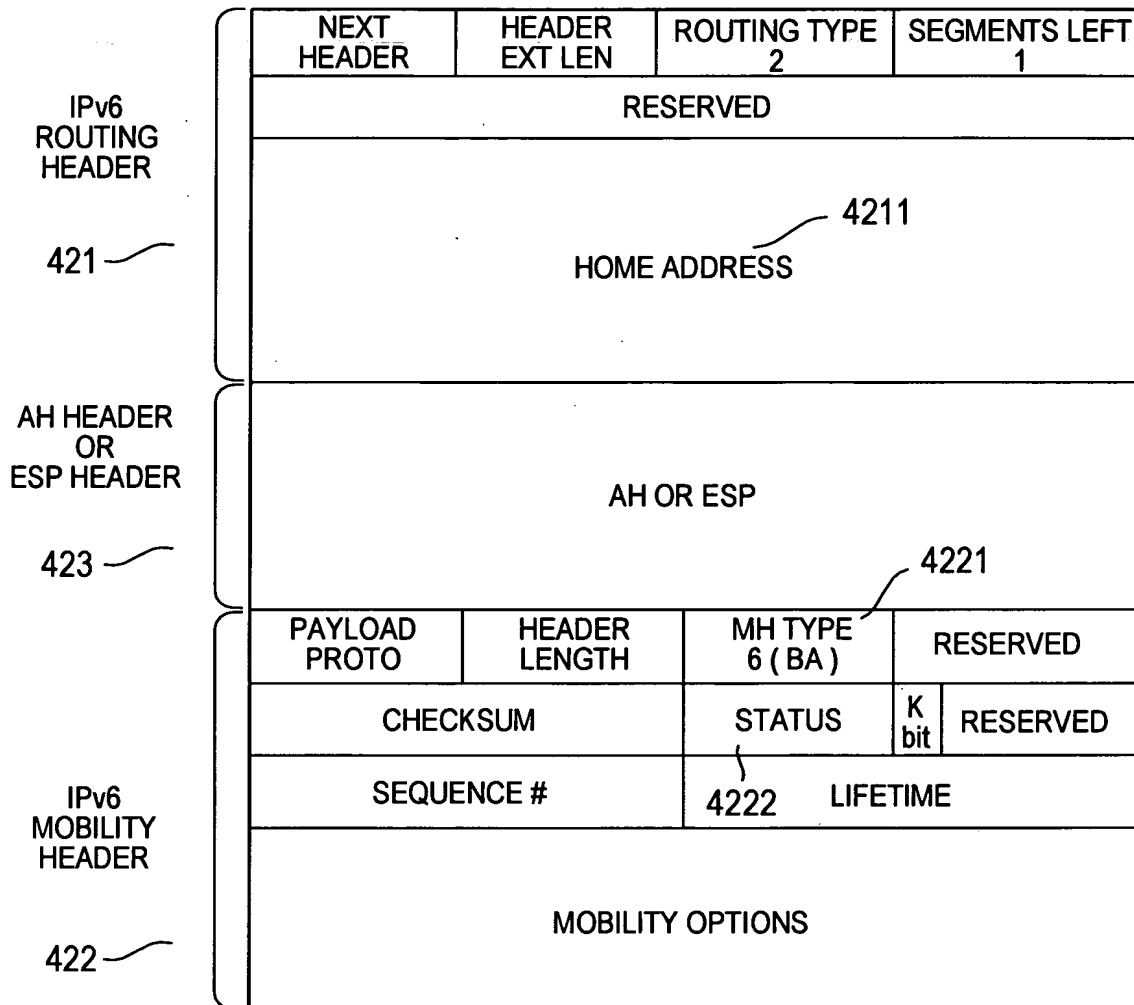


FIG. 14

60 BA PROCESSING ROUTINE

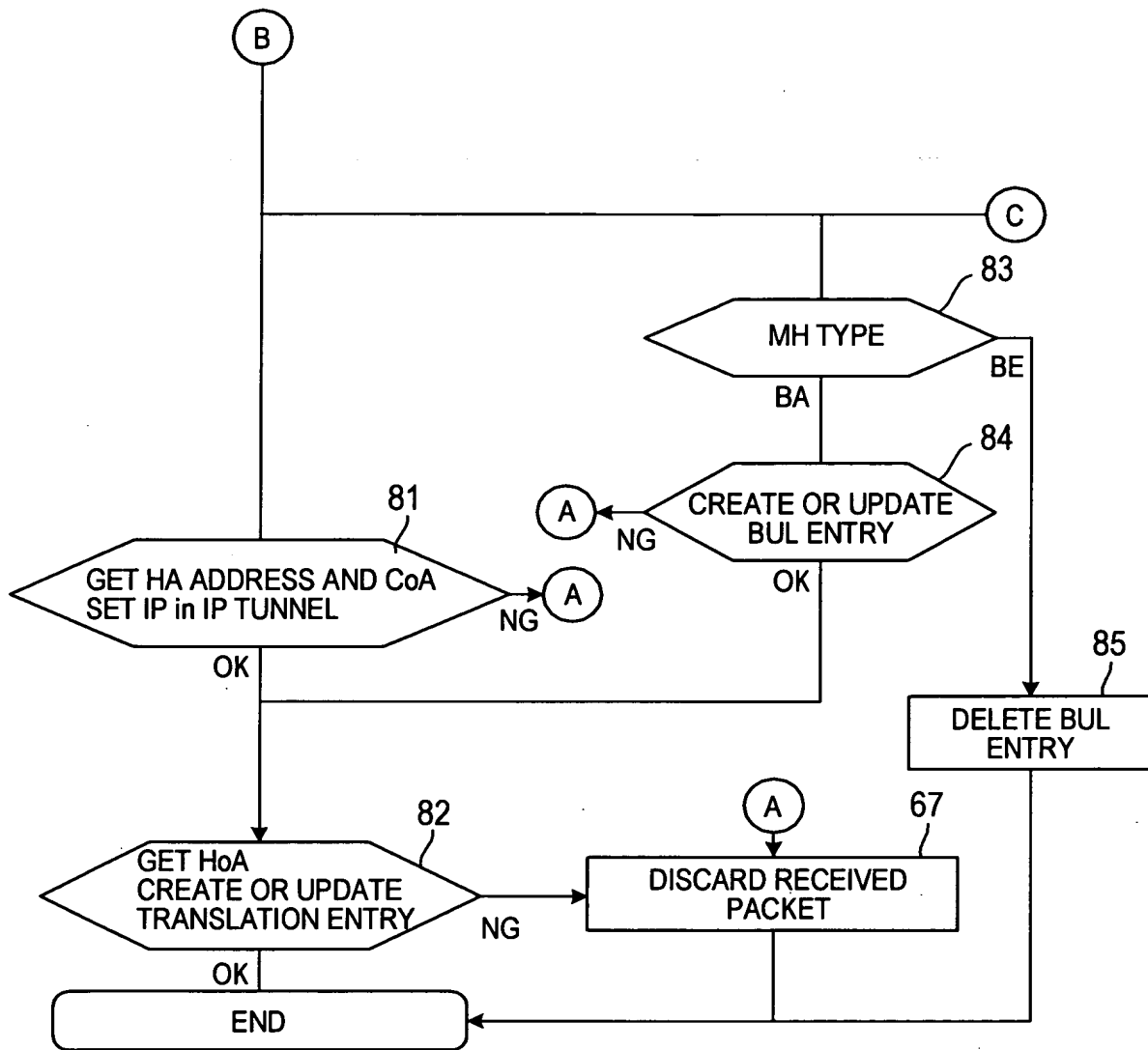


FIG. 15

60 BA PROCESSING ROUTINE

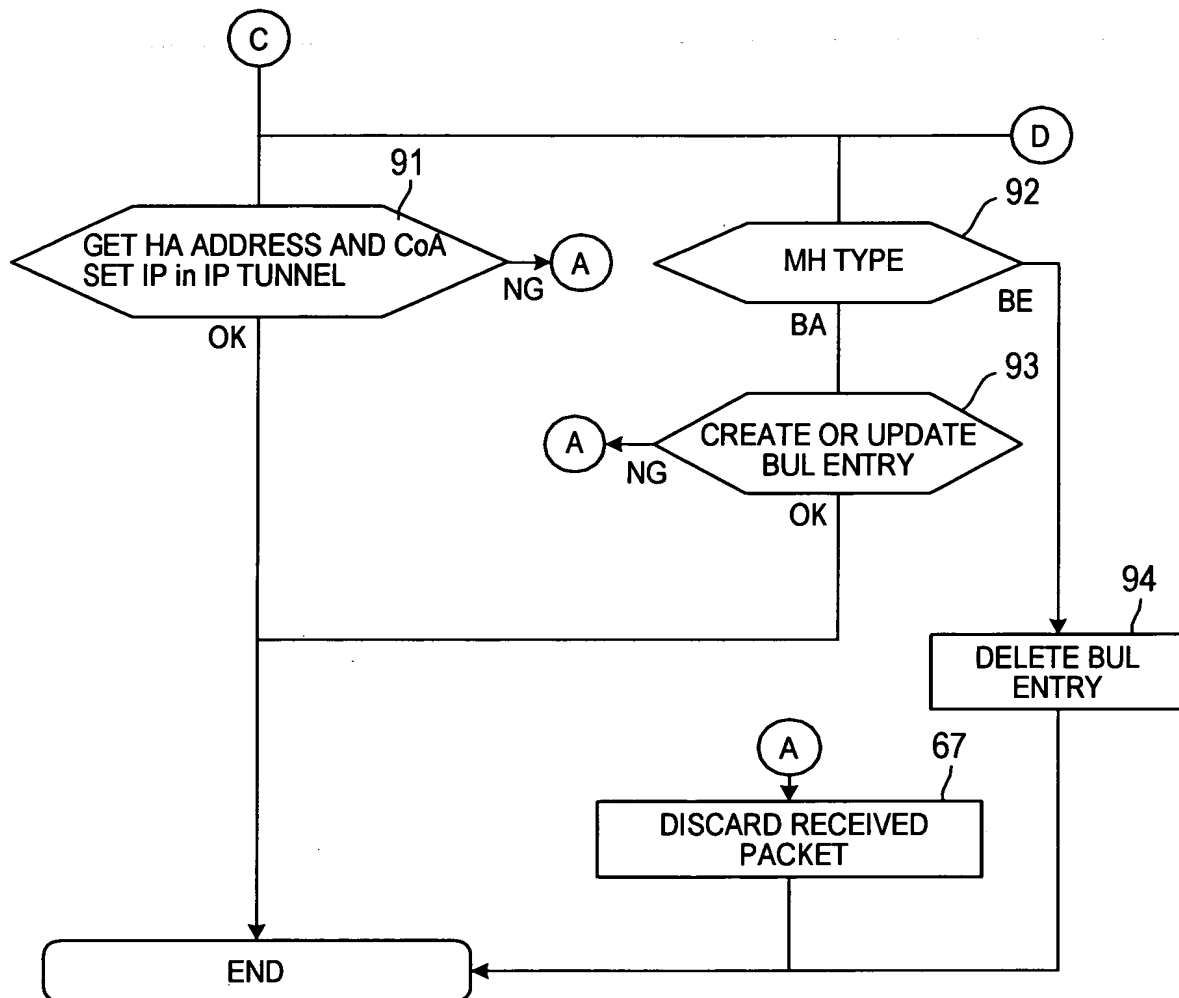


FIG. 16

100 PACKET SEND PROCESSING ROUTINE (GUEST OS APL)

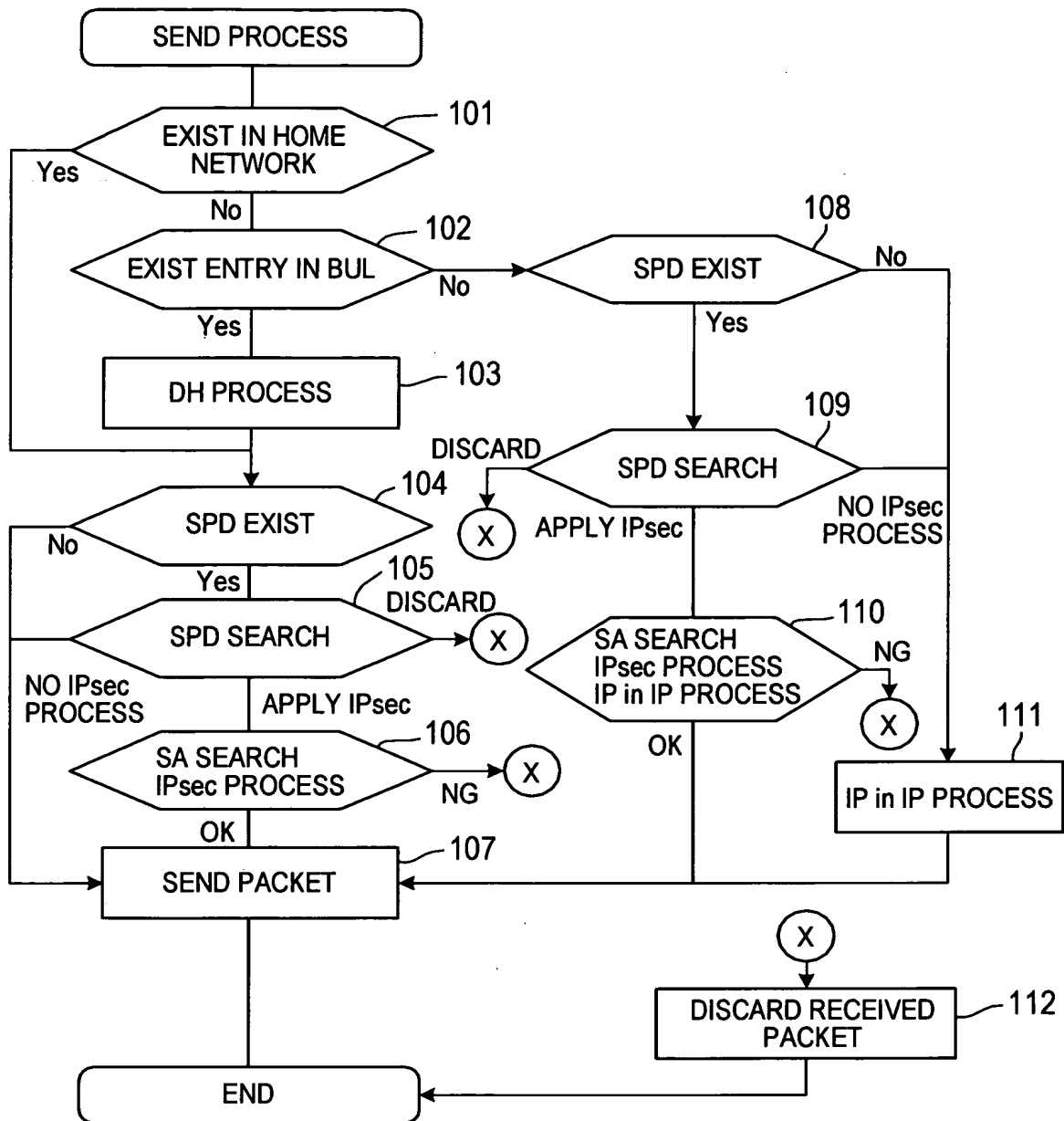


FIG. 17

120 PACKET RECEIVE PROCESSING ROUTINE (GUEST OS APL)

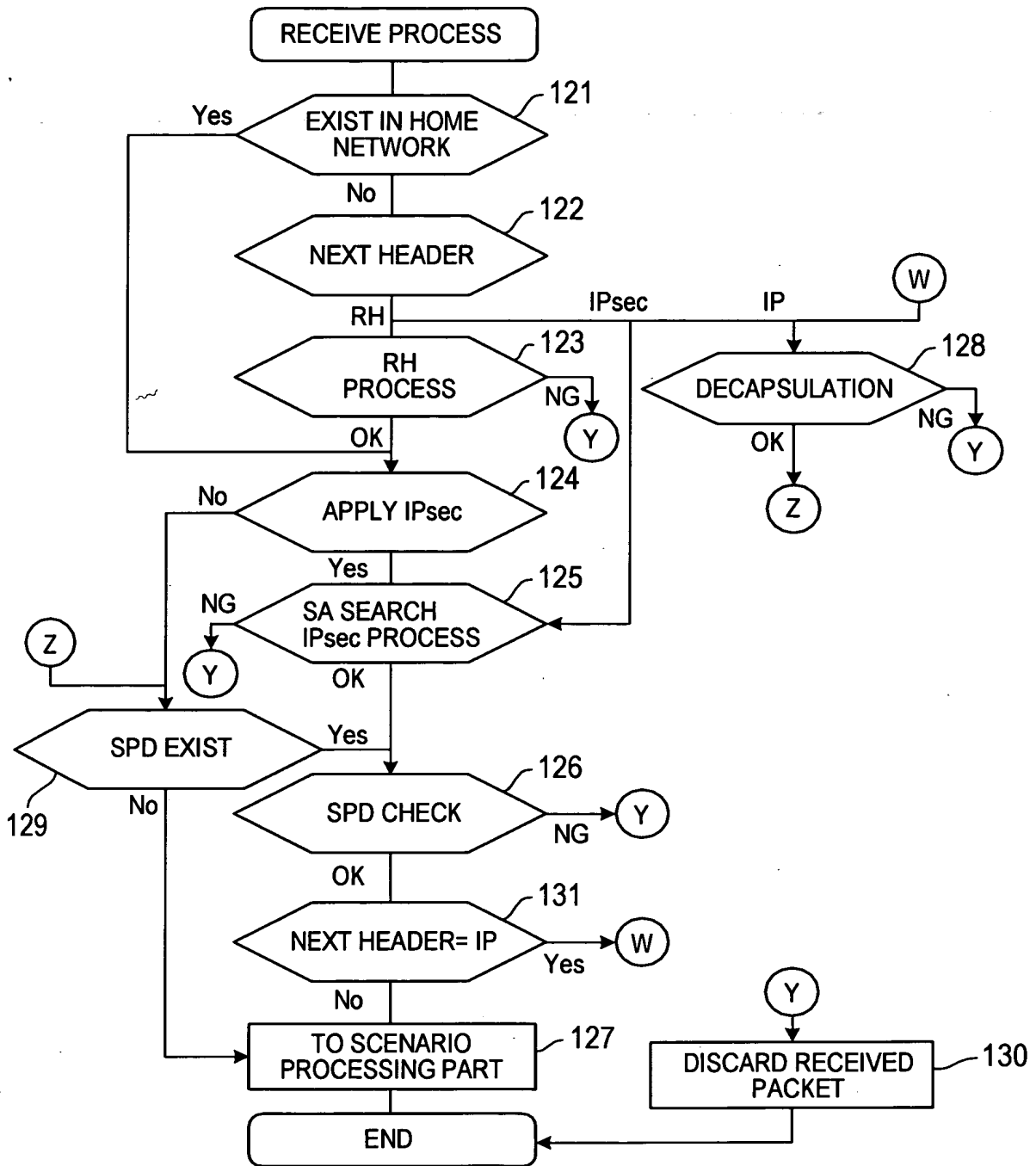


FIG. 18

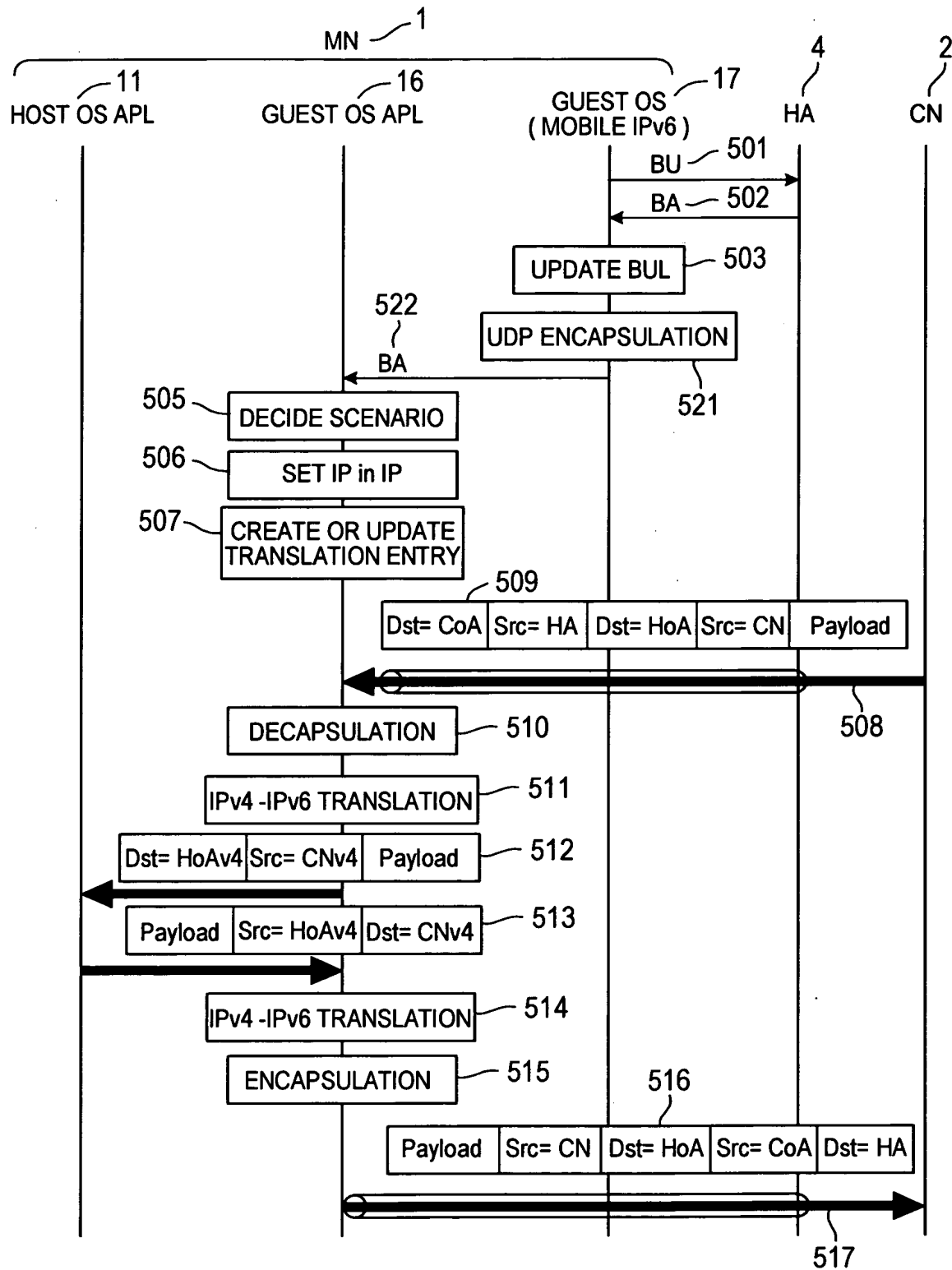


FIG. 19

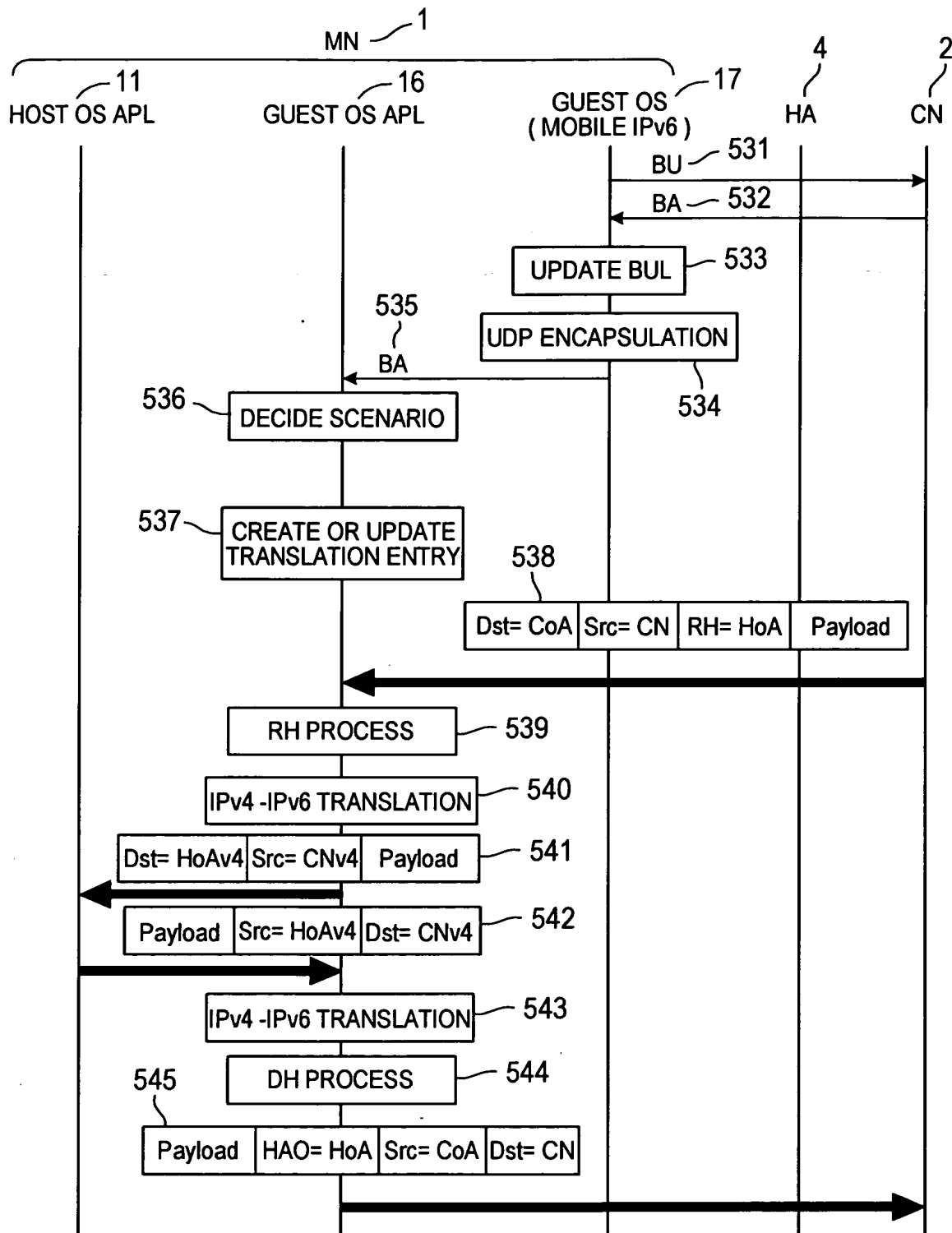


FIG. 20

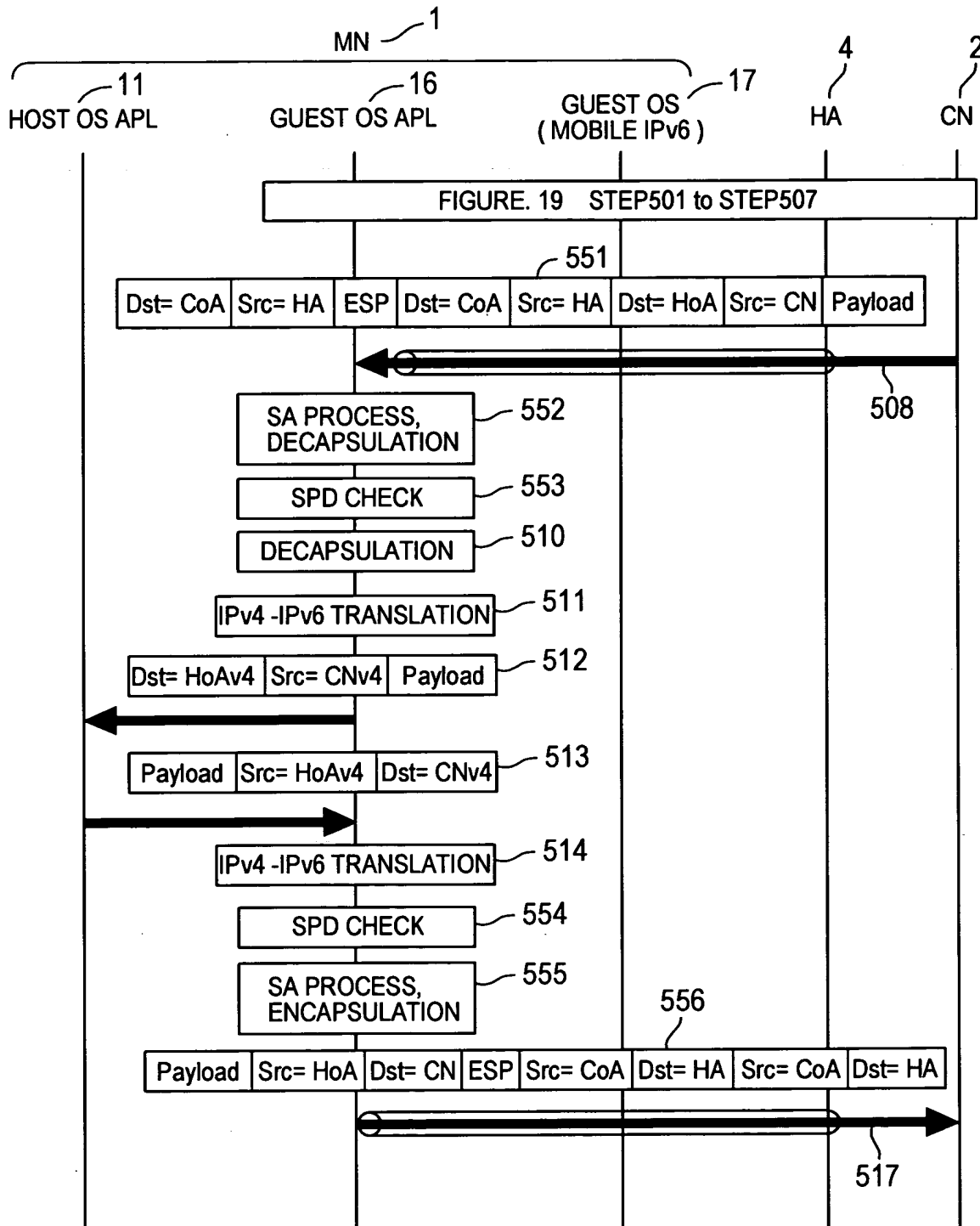


FIG. 21

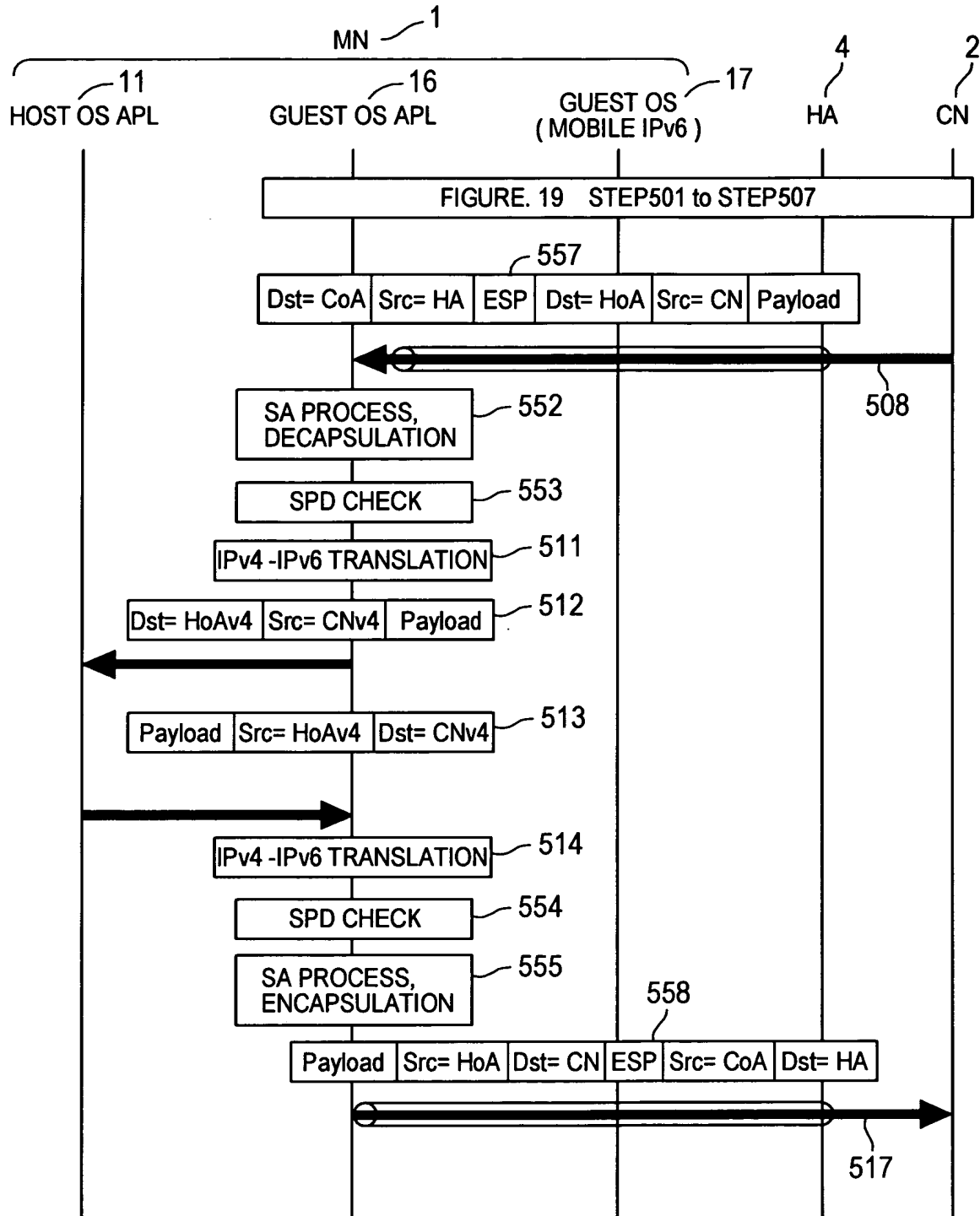


FIG. 22

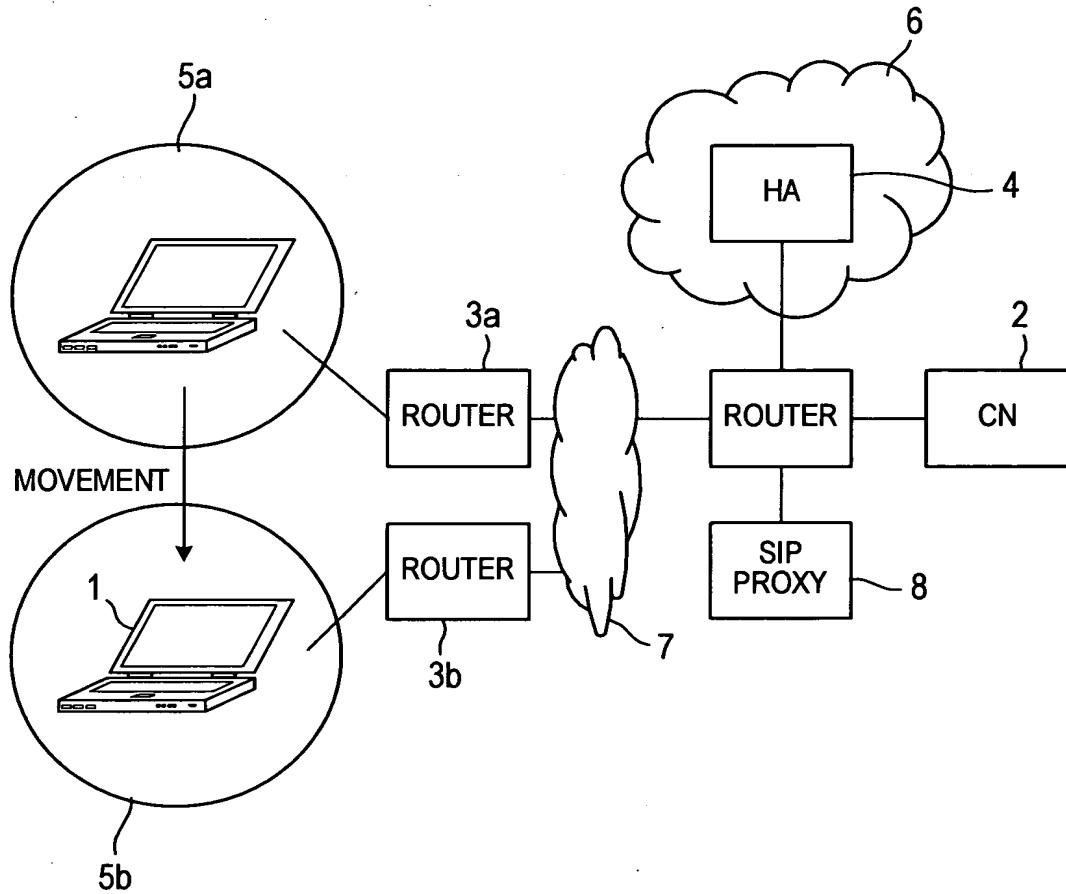


FIG. 23

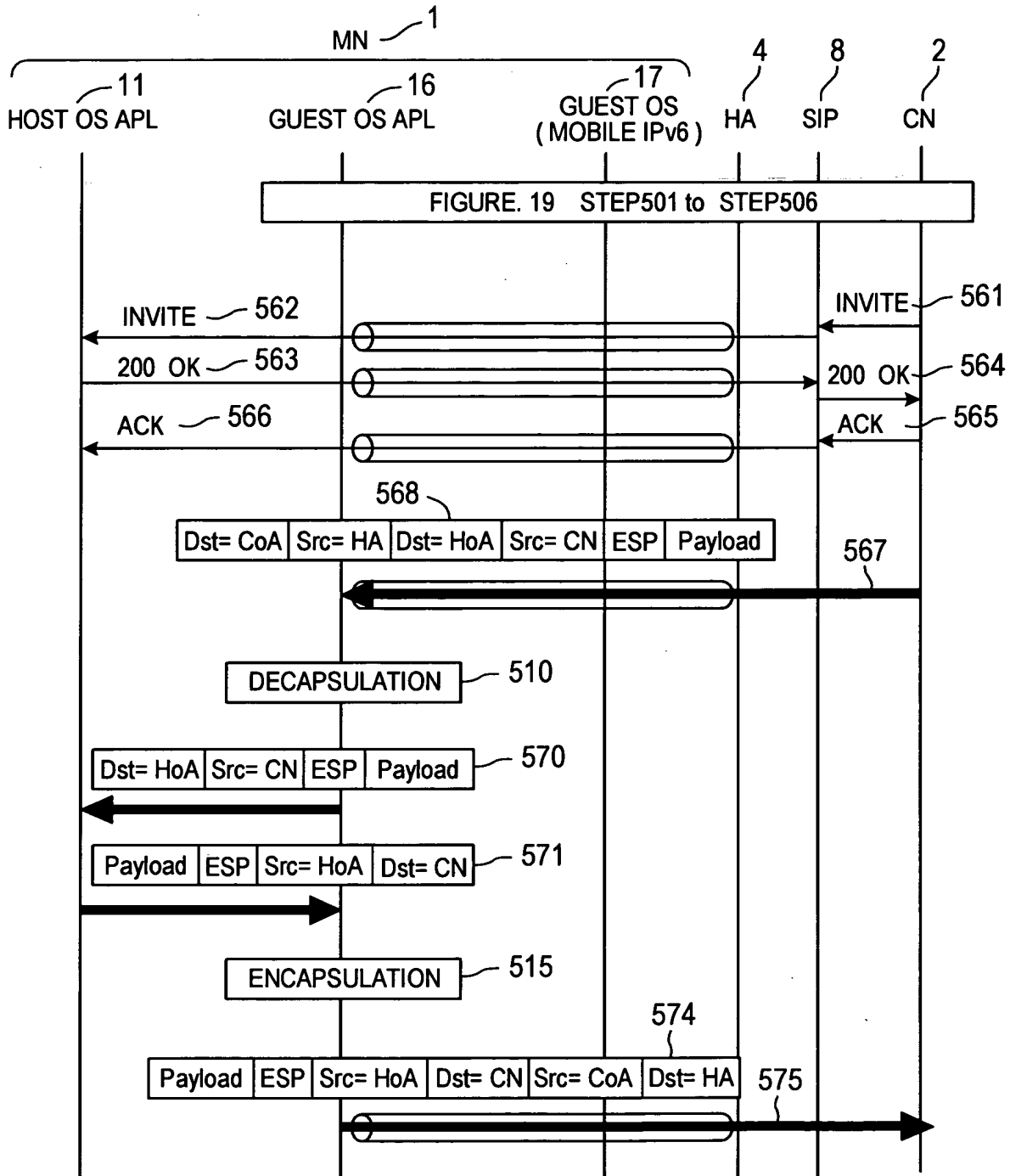


FIG. 24

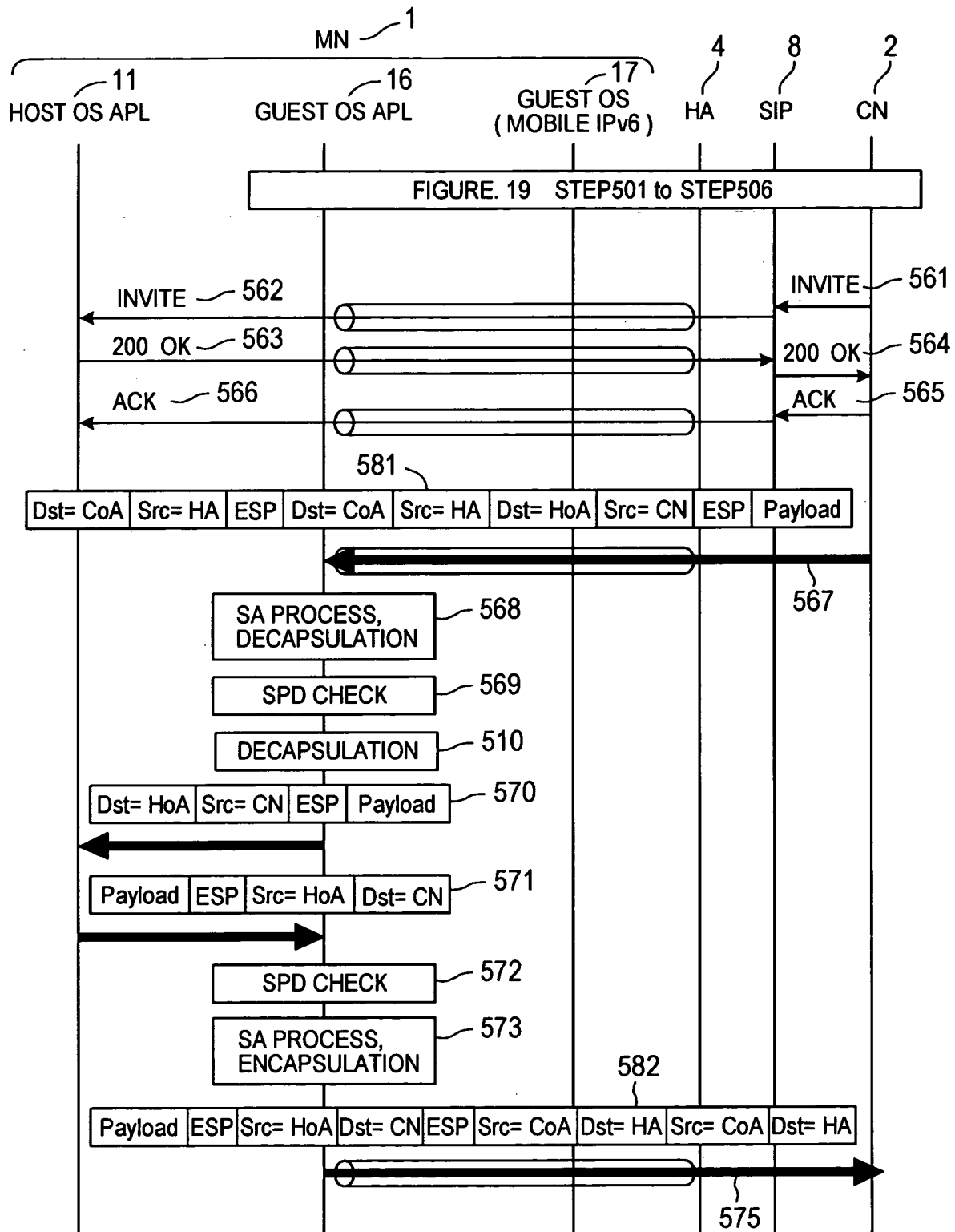


FIG. 25

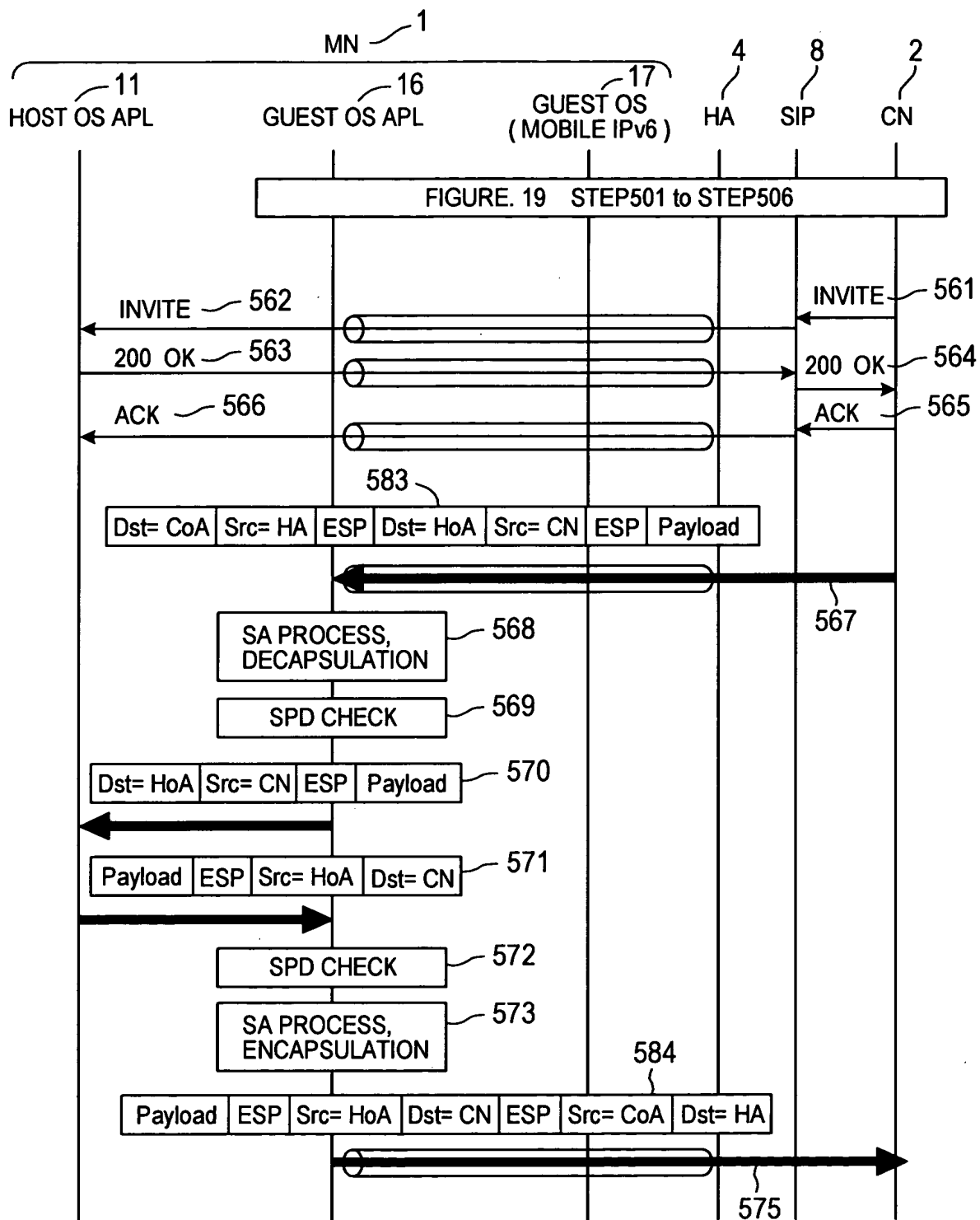


FIG. 26

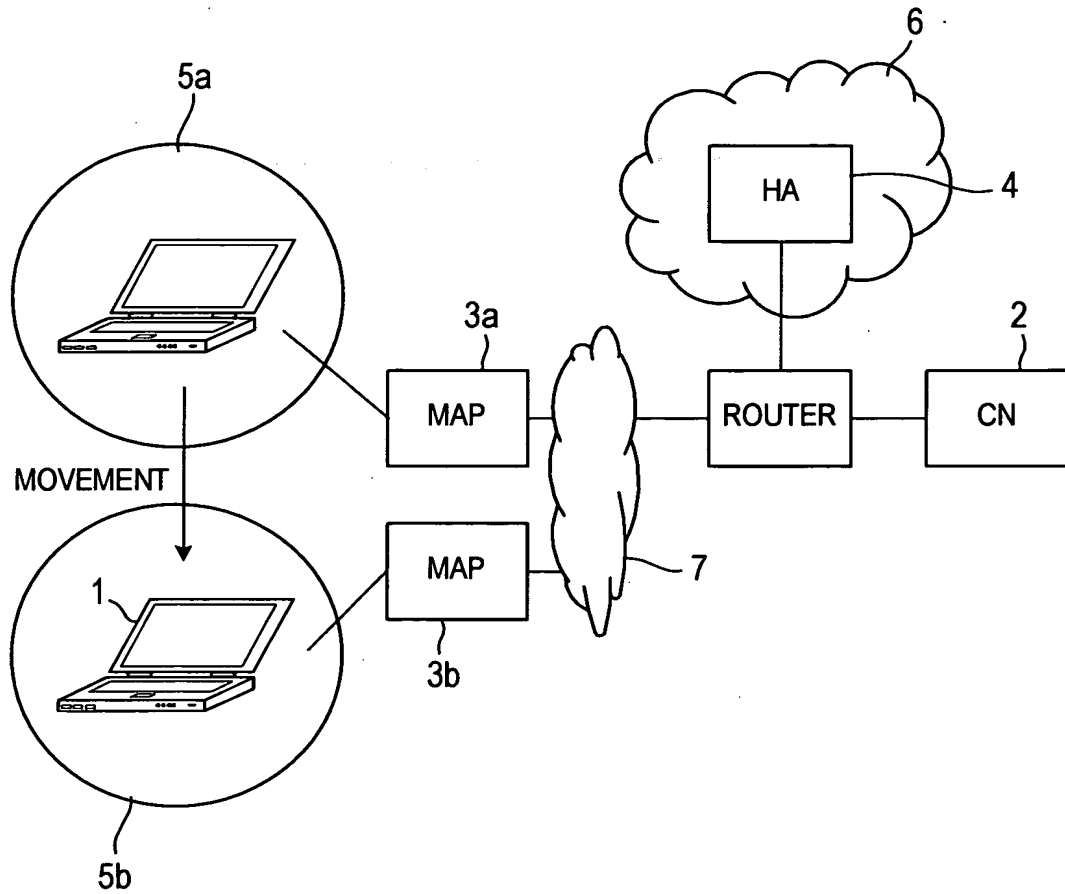


FIG. 27

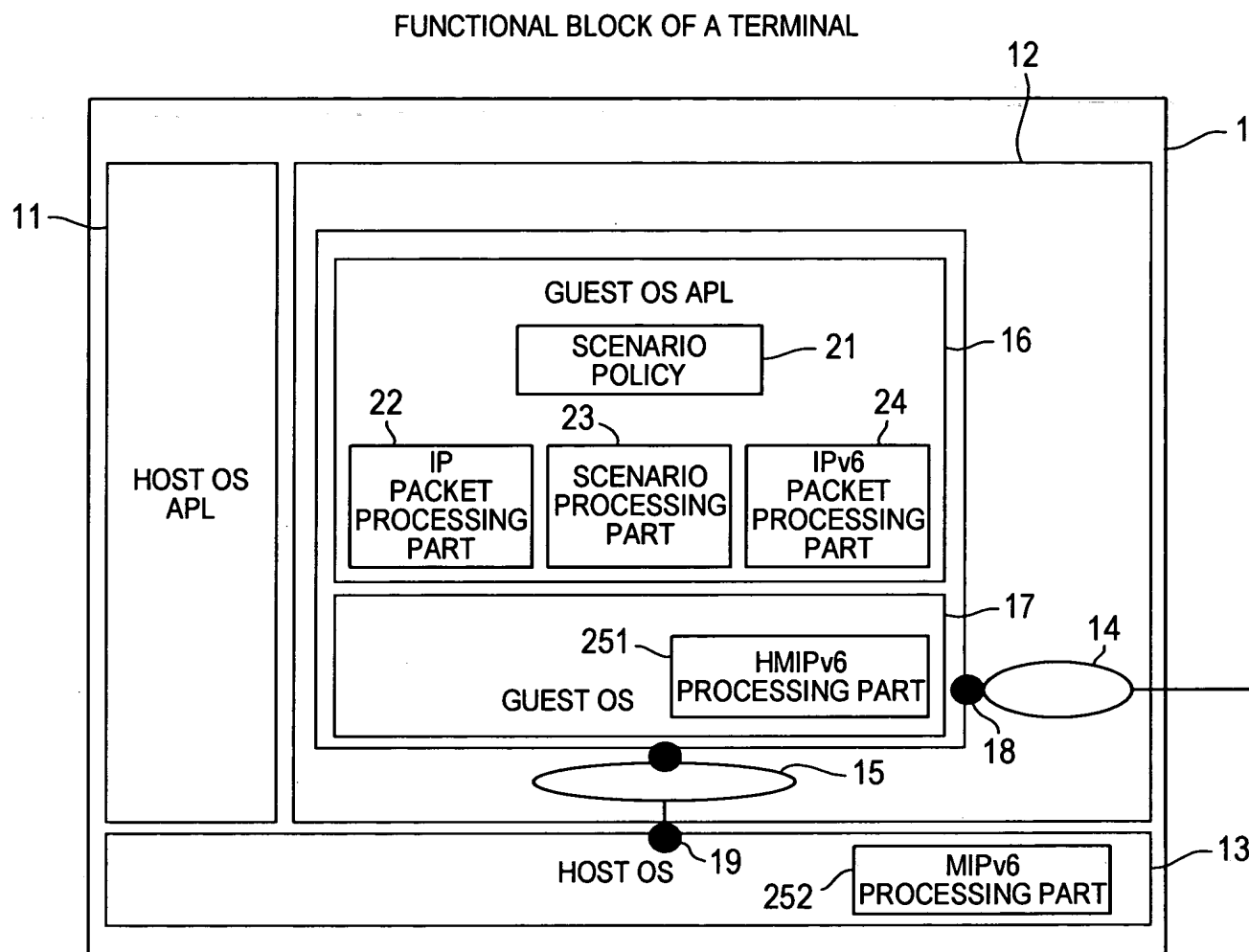


FIG. 28

S4 ROUTER ADVERTISEMENT MESSAGE FORMAT

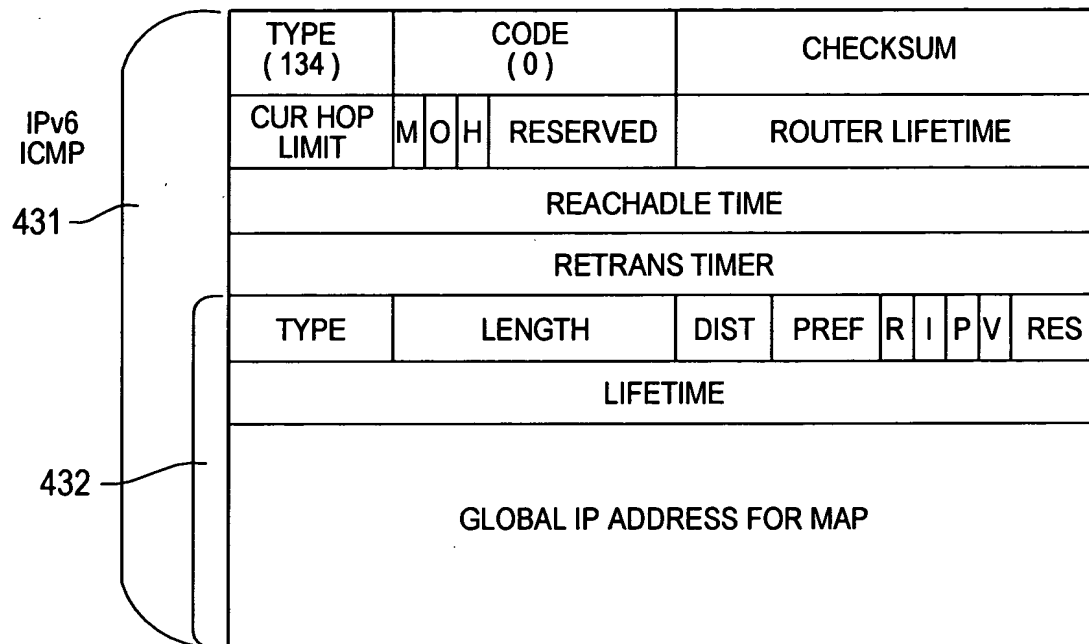


FIG. 29

60 BA PROCESSING ROUTINE

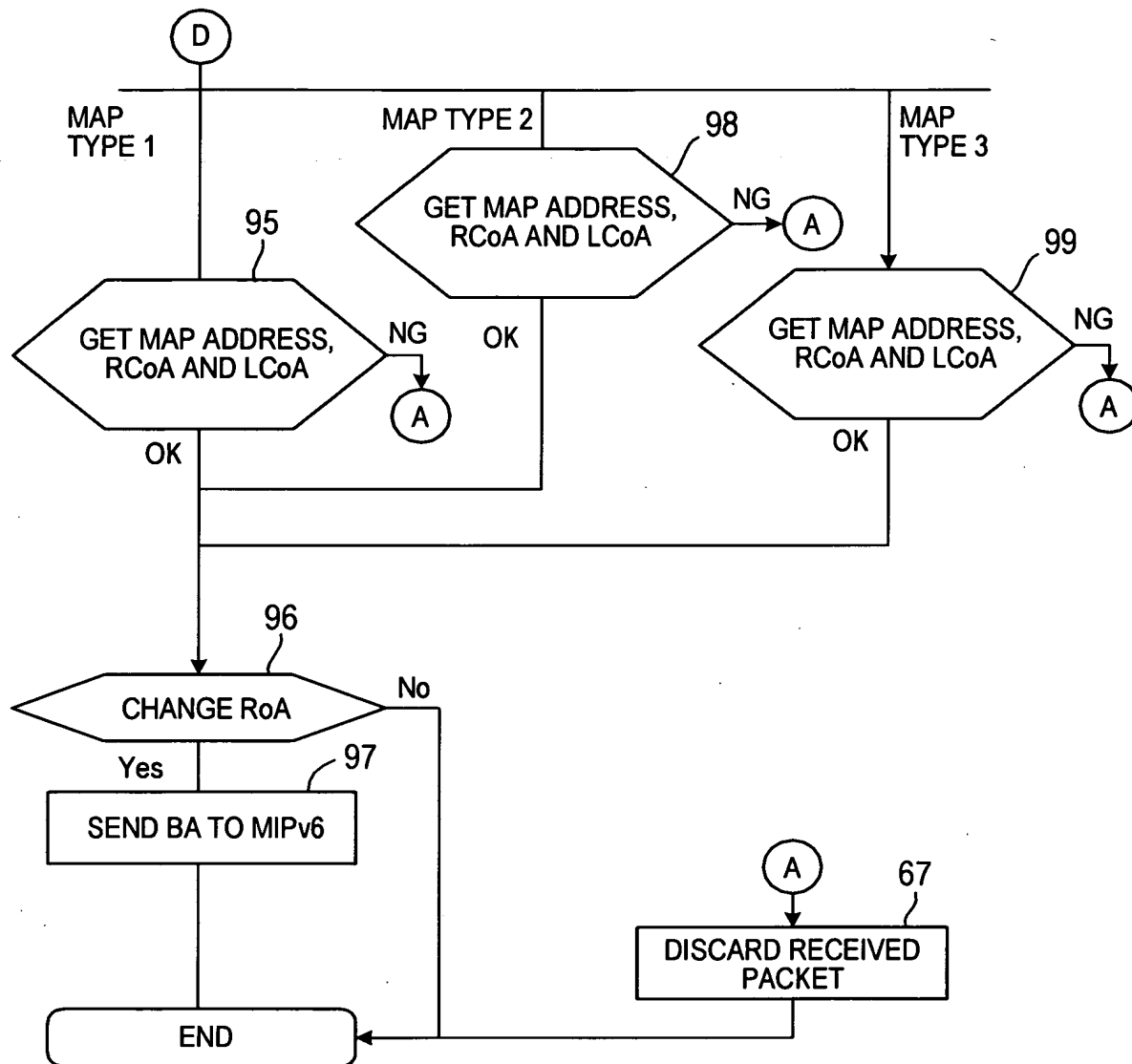


FIG. 30

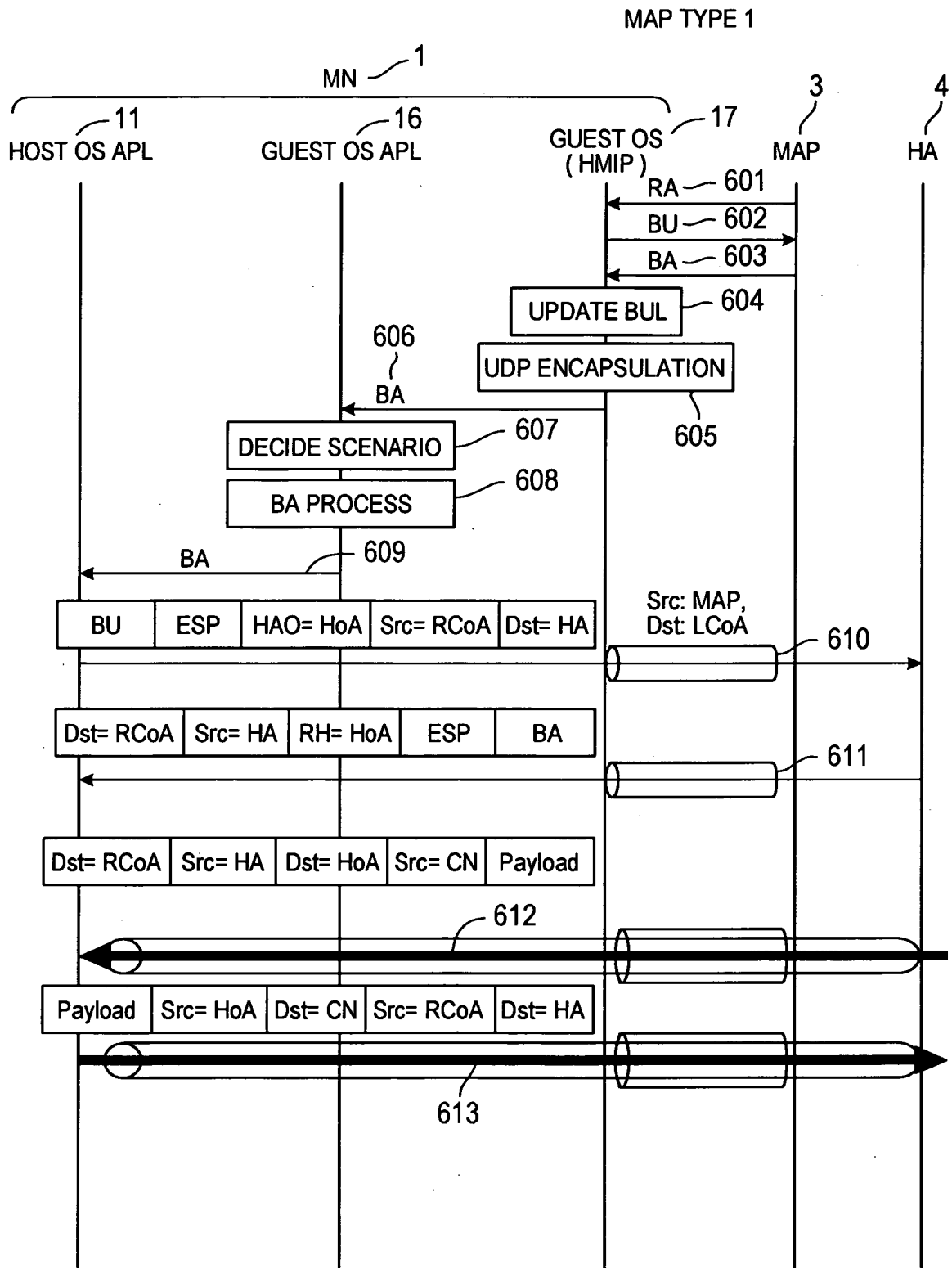


FIG. 31

The diagram illustrates the MAP process across four lifelines: 11 HOST OS APL, 16 GUEST OS APL, 17 GUEST OS (HMIP), and 3 MAP. The process begins with the GUEST OS (HMIP) sending RA (601), BU (602), and BA (603) to the MAP. The MAP then sends an UPDATE BUL (604) to the GUEST OS (HMIP). The GUEST OS (HMIP) performs UDP ENCAPSULATION (605) and sends BA (606) to the GUEST OS APL. The GUEST OS APL then performs DECIDE SCENARIO (607) and BA PROCESS (608). The GUEST OS APL sends BA (609) to the HOST OS APL. The HOST OS APL then sends a packet (621) containing BU, ESP, HAO=HoA, Src=RCoA, and Dst=HA to the GUEST OS (HMIP). The GUEST OS (HMIP) sends a packet (622) containing Dst=RCoA, Src=HA, RH=HoA, ESP, and BA to the GUEST OS APL. The GUEST OS APL then sends a packet (623) containing Dst=RCoA, Src=HA, Dst=HoA, Src=CN, and Payload to the HOST OS APL. The HOST OS APL then sends a packet (624) containing Payload, Src=HoA, Dst=CN, Src=RCoA, and Dst=HA to the GUEST OS (HMIP).

FIG. 32

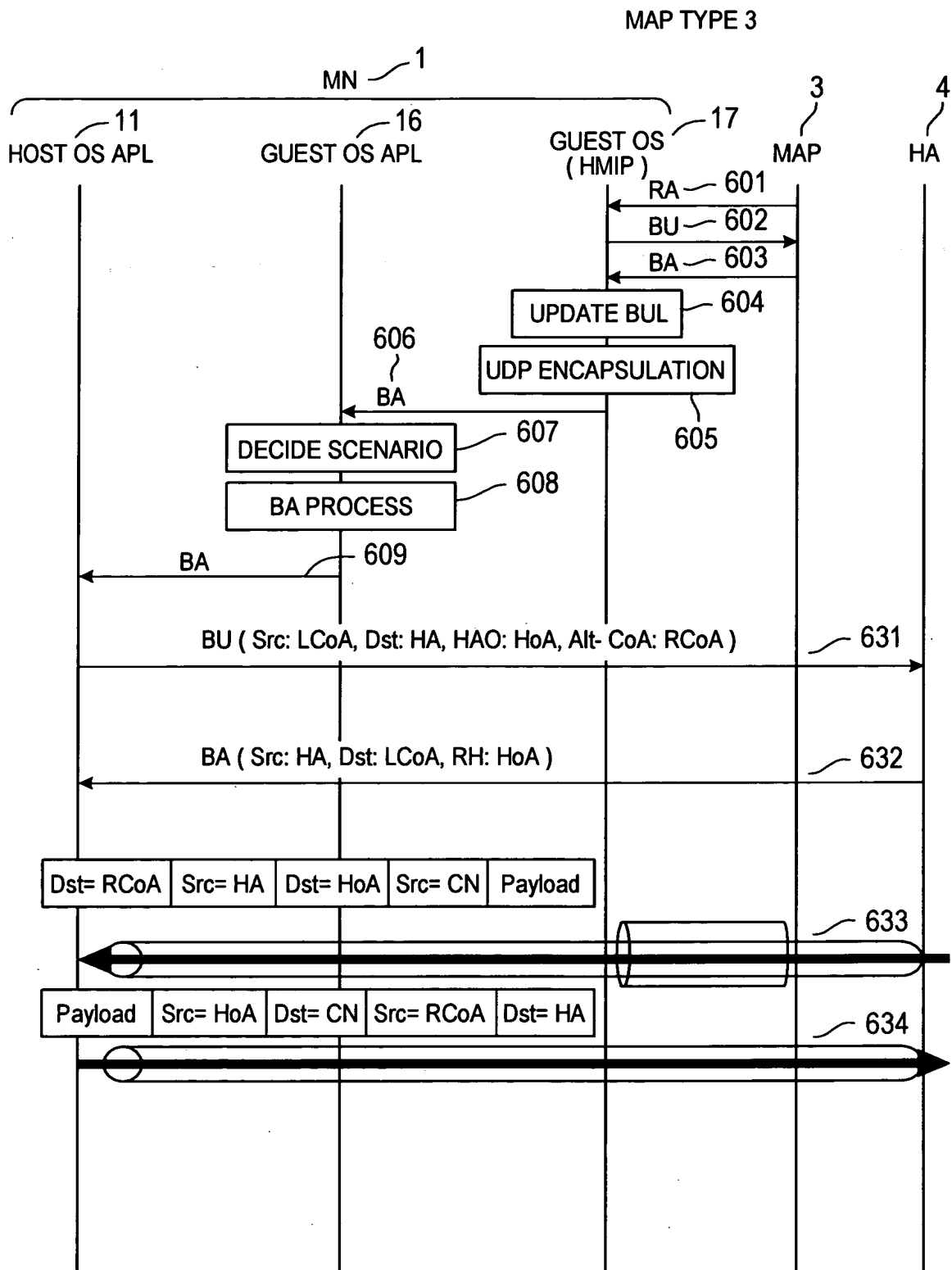


FIG. 33

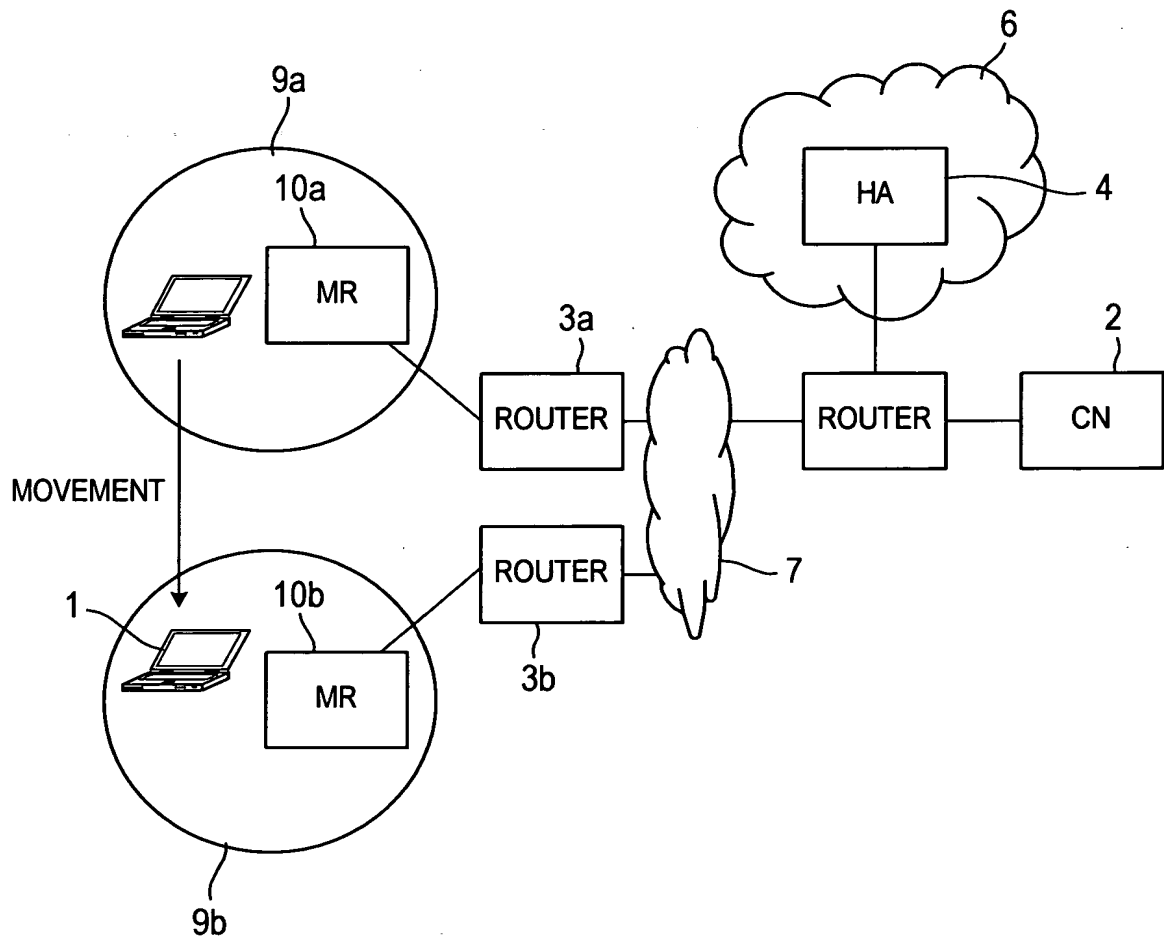


FIG. 34

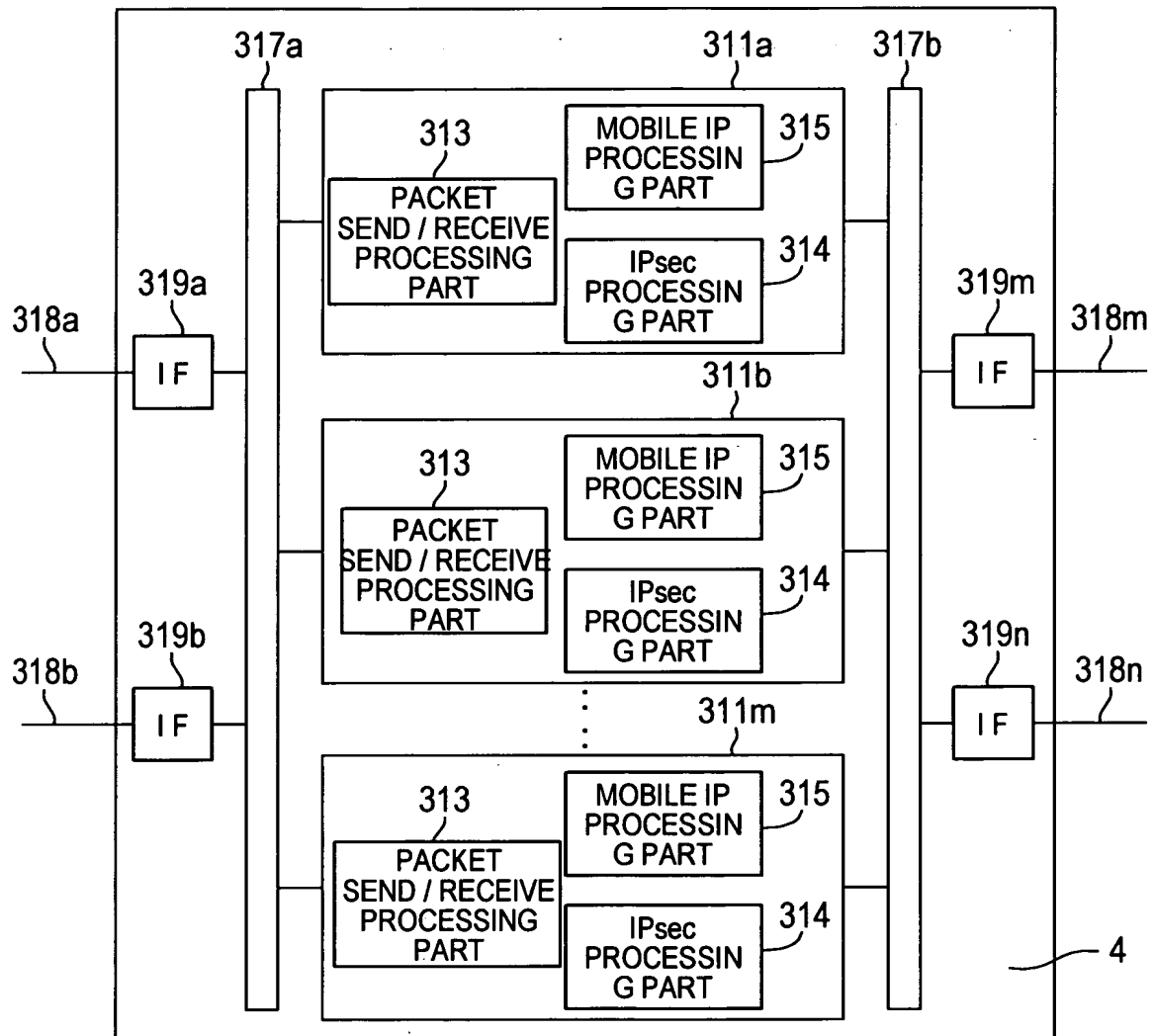


FIG. 35

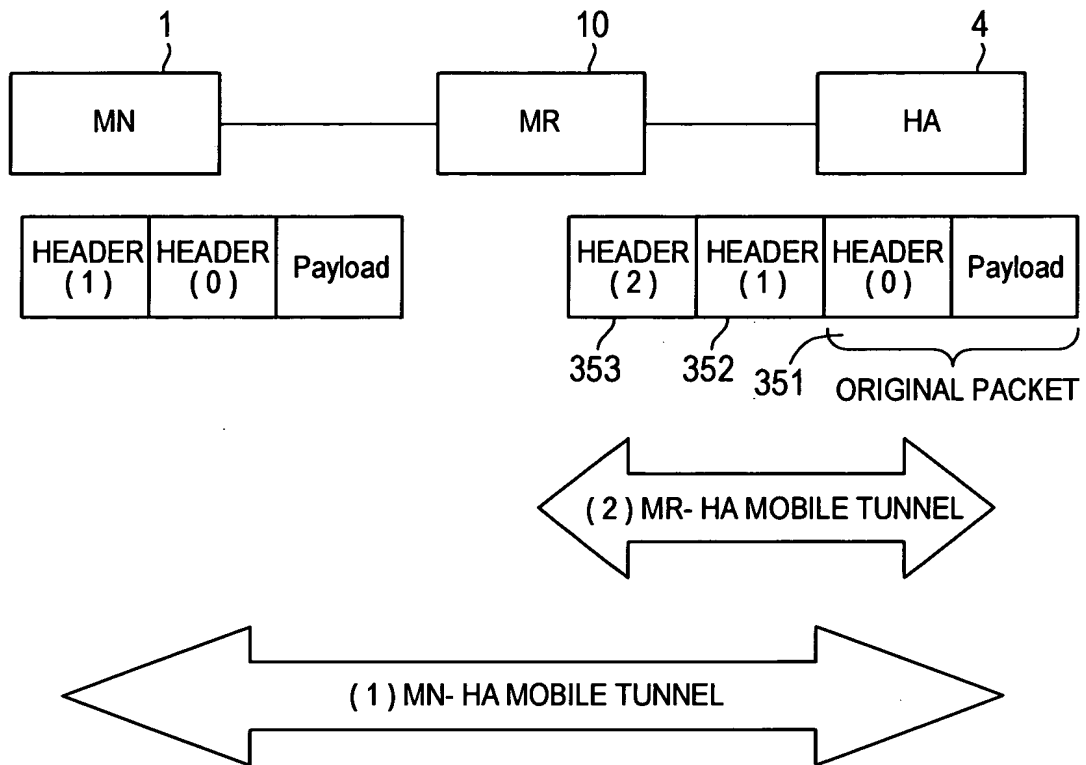


FIG. 36

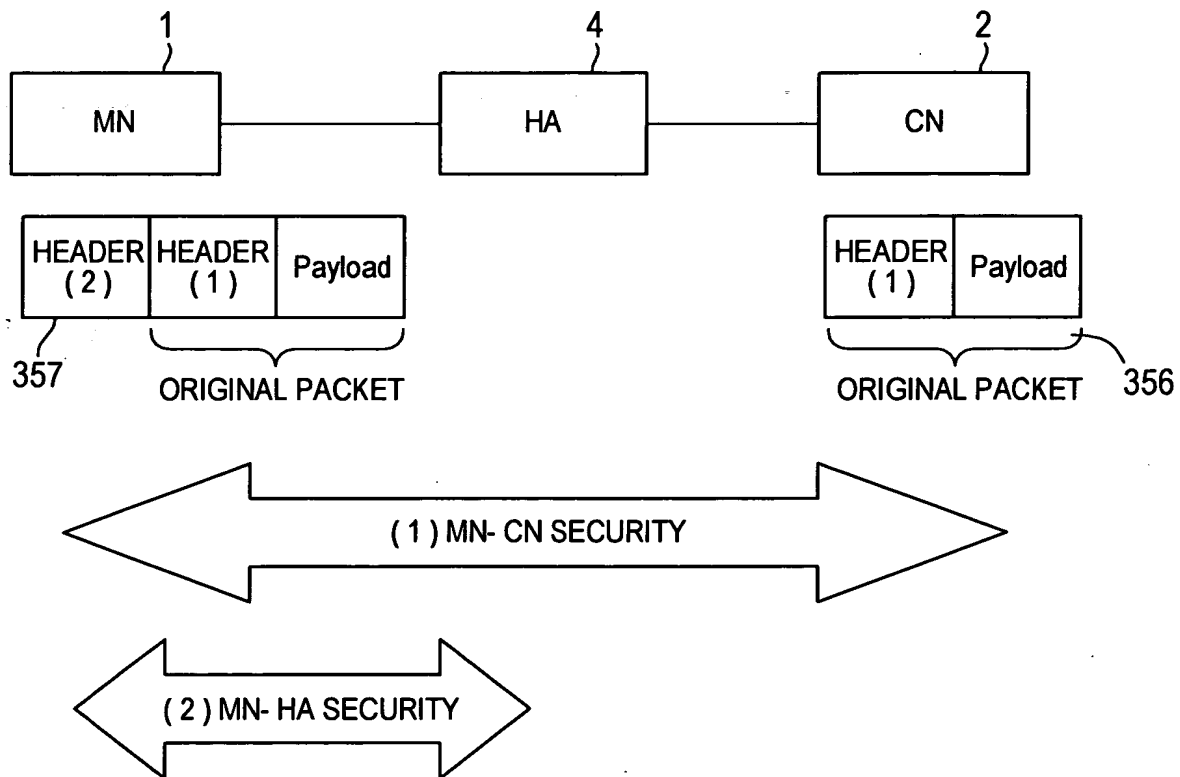


FIG. 37

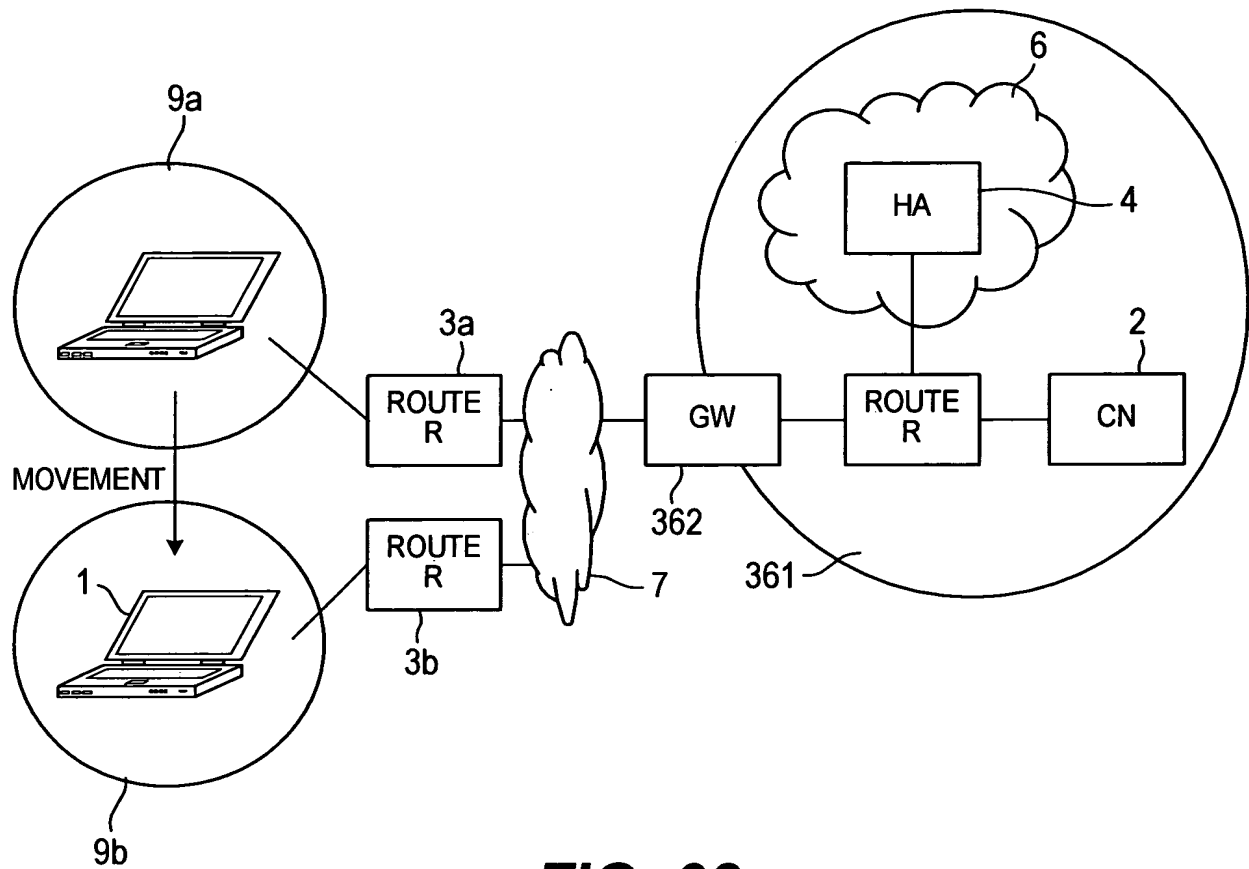


FIG. 38

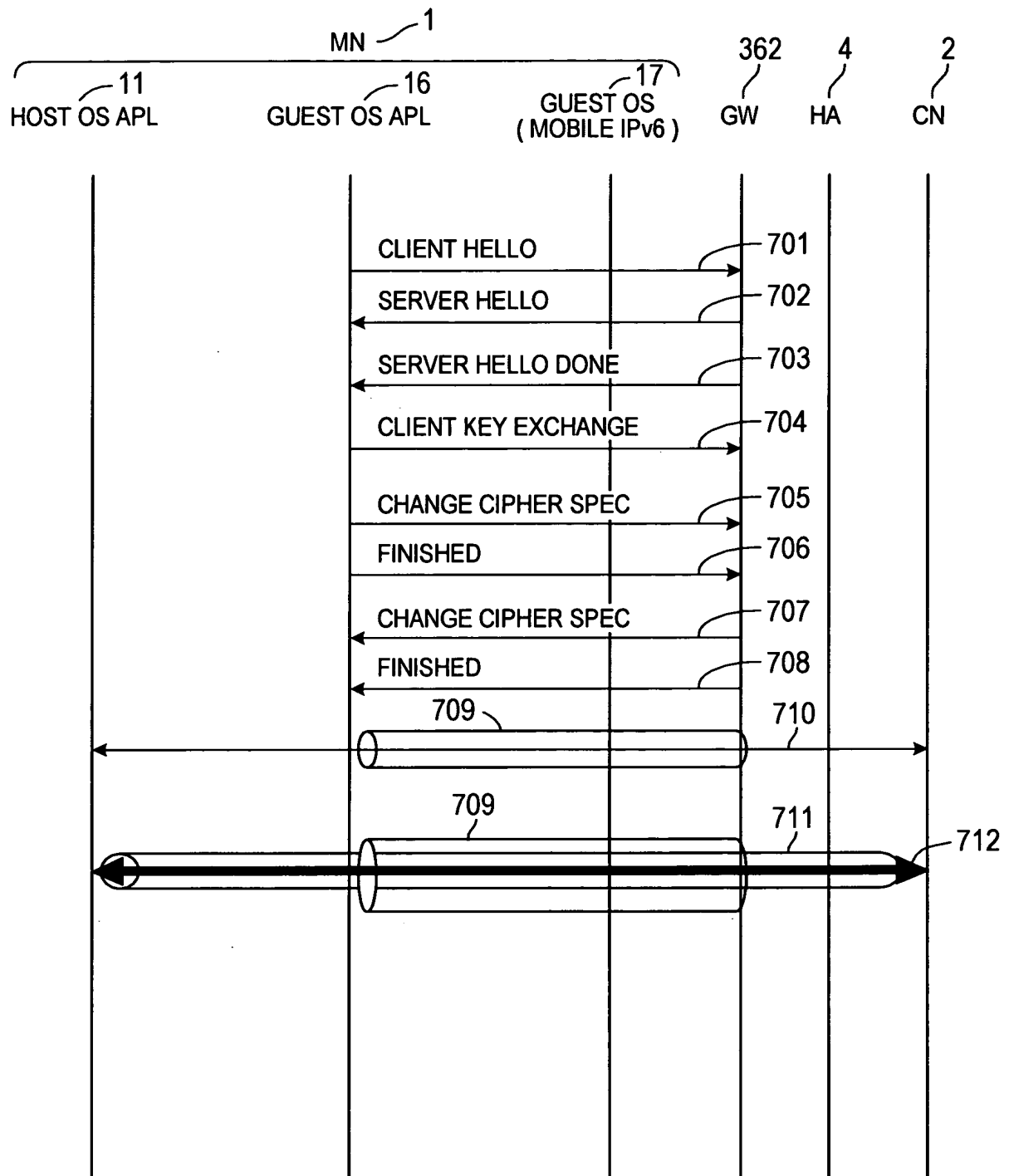


FIG. 39